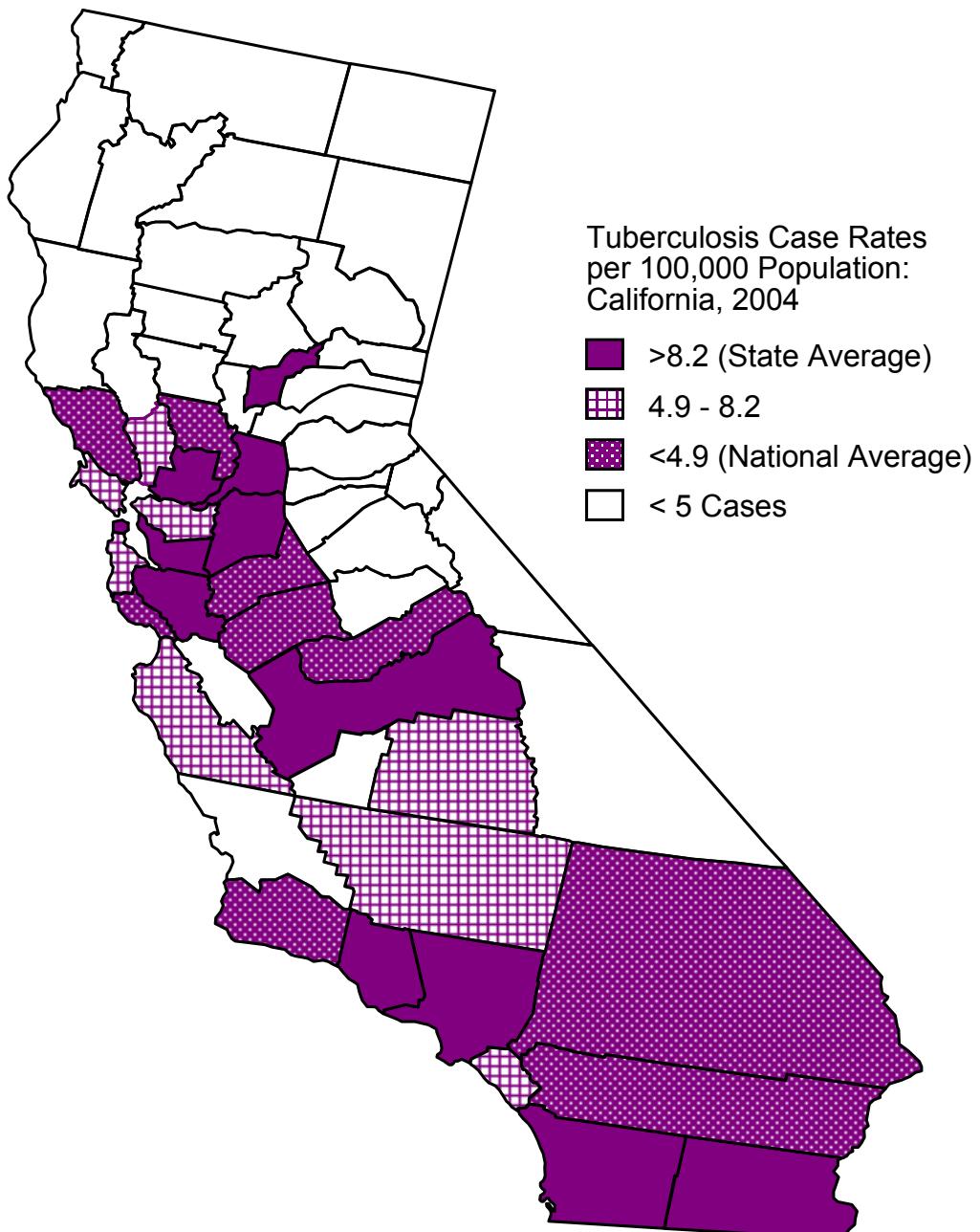


REPORT ON TUBERCULOSIS IN CALIFORNIA, 2004



January 2006

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Introduction

Reportable cases of tuberculosis (TB) are submitted to the TB Control Branch (TBCB), California Department of Health Services, by the 61 local health jurisdictions (58 counties, and the cities of Berkeley, Long Beach, and Pasadena). In 1993, the Centers for Disease Control and Prevention (CDC), in conjunction with state and local health departments, began using the expanded Report of Verified Case of Tuberculosis (RVCT) to collect information on each case of TB. In addition to the demographic and clinical features of TB that were previously collected, the RVCT includes information on drug resistance, risk factors for tuberculosis, and treatment outcomes. In 1998, CDC implemented the Tuberculosis Information Management System (TIMS) for data entry and transmission of case reports. Today, TIMS is in use in 19 of the largest jurisdictions, allowing 93 percent of TB cases to be reported electronically to TBCB. The Division of Communicable Disease Control is currently implementing a web-based surveillance system for notifiable diseases, including tuberculosis, that will allow all jurisdictions in California to submit TB case reports and access their local data on-line.

Acknowledgment

The TBCB would like to thank surveillance and reporting staff in all local reporting jurisdictions. Without their hard work we would not have data for this publication. We also acknowledge the support of our partners at CDC's Division of Tuberculosis Elimination.

Technical Notes

Reporting Jurisdictions

California has 61 jurisdictions reporting on TB morbidity. There are 58 counties and the three cities of Berkeley, Long Beach, and Pasadena. Reports from Alameda County exclude TB cases from the city of Berkeley, and reports from Los Angeles exclude cases from the cities of Long Beach and Pasadena.

Tuberculosis Cases

TB cases submitted to the TBCB Registry by January 15, 2005, were counted as cases in 2004. After reporting the case, a jurisdiction may subsequently decide that a reported case did not have TB, and this case will be deleted from the TB database. Also, a few cases may be reported after the submission deadline; these additions will be reflected in future reports. Therefore, the total number of TB cases counted in a given year may change, although usually by a very small number of cases. For historical data in Tables 1–5 and 12–14, we used the original number of reported cases, not the revised number. For all other tables, the revised number of cases was used.

Population Data

State and county population totals, and data by age, sex, and race/ethnic group for California are from the following sources: State of California, Department of Finance, *Race/Ethnic Population with Age and Sex Detail, 1970–1989*, Sacramento, CA, December 1998; State of California, Department of Finance, *Race/Ethnic Population with Age and Sex Detail, 1990–1999*, Sacramento, CA, May 2004; and State of California, Department of Finance, *Population Projections by Race/Ethnicity for California 2000–2050*, Sacramento, California, May 2004. The 1990–1999 and 2000–2050 data published in 2004 are the first Department of Finance population series to incorporate 2000 Census information. Although some population subgroups were larger than previously forecast, the overall population growth in California was less than projected in the previous population series. This resulted in California TB rates for 1990–2003 that are slightly higher than in earlier publications.

Population data for the cities of Berkeley, Long Beach, and Pasadena are from the following sources: State of California, Department of Finance, *E–4 Population Estimates for California Cities and Counties, January 1, 1981 to January 1, 1990*, Sacramento, California; State of California, Department of Finance, *E–4 Revised Historical City, County and State Population Estimates 1991–2000, with 1990 and 2000 Census Counts*, Sacramento, California, March 2002; and State of California, Department of Finance, *E–4 Population Estimates for Cities, Counties and the State, 2001–2004, with 2000 DRU Benchmark*.

Sacramento, CA, May 2004. Population totals for the jurisdiction of Alameda were calculated by subtracting Berkeley totals from the Alameda County totals; population totals for the jurisdiction of Los Angeles were calculated by subtracting Long Beach and Pasadena totals from Los Angeles County totals.

To calculate TB rates for race/ethnic groups for 2000–2004 that are comparable to the race/ethnic categories prior to 2000, the multirace category in the 2000–2004 population data was reallocated to a single race/ethnic group according to the allocation table in this source: State of California, Department of Finance, *Suggested Allocations of the Multirace Category for Use with Projections by Race/Ethnicity for California and Its Counties 2000–2005*, Sacramento, California, June 2004.

Small Case Numbers

While there are different methods for reporting the rates of rare events, we have chosen not to report rates when the total number of TB cases is less than five. Rates of zero, based on no TB cases, are also not reported. Where the rate is not reported, changes in rate over time are also not reported.

In tables that report demographics of and risk factors for TB cases by reporting jurisdictions (Tables 15–19, 29–36), data from jurisdictions with less than five cases of TB are aggregated to reduce the likelihood that individual TB cases in a given jurisdiction can be identified.

The following 14 jurisdictions had one to four cases of TB in 2004: Berkeley, Butte, El Dorado, Humboldt, Kings, Lake, Mendocino, Nevada, Placer, San Benito, San Luis Obispo, Shasta, Tehama, and Tuolumne. The following 16 jurisdictions had no TB cases in 2004: Alpine, Amador, Calaveras, Colusa, Del Norte, Glenn, Inyo, Lassen, Mariposa, Modoc, Mono, Plumas, Sierra, Siskiyou, Sutter, and Trinity.

Race/Ethnicity

The Report of Verified Case of Tuberculosis (RVCT) has one variable for race and one for ethnicity. If a case is classified as “Hispanic” on the RVCT, then the case is reported as “Hispanic” in this report, regardless of race.

Beginning in 2003, the federal Office of Management and Budget (OMB) reporting mandates required separate reporting of Asian and Pacific Islander/Native Hawaiian races, as well as the opportunity for persons to identify themselves by one or more racial groups. In 2004, 1,272 persons were reported as Asian only (not Hispanic), and 15 persons were reported as Pacific Islander or Native Hawaiian only (not Hispanic). In tables where data on race/ethnicity are presented (except Table 17) these persons are combined in the Asian/Pacific Islander race/ethnic group, in order to provide comparability to previous years’

data. Seven persons reported more than one race category: four persons that reported as both White and Asian are included in the combined Asian/Pacific Islander group. One person reported as both Asian and Native Hawaiian is also included in the combined Asian/Pacific Islander group. Two persons reported as both Black and White (not Hispanic) are included in the Black race/ethnic group. Reassignment of race category is based on the Deterministic Whole Assignment (Smallest Group) method. In Table 17, (Tuberculosis Cases by Race/Ethnicity: Reporting Jurisdictions in California, 2004), the new, extended race/ethnic categories are reported.

AIDS-associated Tuberculosis

Tuberculosis cases co-infected with the human immunodeficiency virus (HIV), and diagnosed and reported with acquired immunodeficiency syndrome (AIDS), are identified by matching TBCB Registry data with the case registry in the Office of AIDS, California Department of Health Services. At the time of this report, the match results were not available for 2004.

Ranking of Jurisdictions

For Table 12, jurisdictions are ranked in order of decreasing 2004 case rates with the highest rank first. Those jurisdictions with one to four cases are not given a rate and are given the same rank; they are listed according to decreasing number of cases. Jurisdictions with no cases of TB are given the same rank and they are listed in alphabetical order. Jurisdictions with the same rate are both given the higher rank; the subsequent rank is skipped.

Case Completion Reports

The source of data for tables and figures on directly observed therapy (DOT), health care provider type, and treatment outcomes (Tables 27, 28, 47–51, Figures 14–16) is the Case Completion Report (Follow-up 2) submitted by the jurisdiction that originally reported the case. Thus, the data in these tables reflect the practices and outcomes of case management in the jurisdiction that counted the case. For example, if a case moved from jurisdiction A to jurisdiction B and completed therapy there, he is counted as a “moved” case in jurisdiction A; the subsequent completion of therapy is not included in our tables. Or, if a patient received DOT in jurisdiction A, but not in jurisdiction B, these tables reflect only that he received DOT in jurisdiction A.

Data for Figure 17 (Completion of Tuberculosis Therapy, California, 1993–2002) are from the final Follow-up 2 submitted, and therefore represent the overall treatment completion rate for cases beginning therapy for TB disease in California. Treatment completion may have occurred in the jurisdiction reporting the case, in another California jurisdiction, or in another state. The calculations for this figure are identical to the methodology used by the CDC to calculate

completion of TB therapy. Patients with resistance to rifampin, patients under 15 years of age with meningeal, bone or joint, or miliary disease, and patients who died during treatment were excluded from this analysis. The percentage of patients who completed therapy in one year or less are presented, as well as the percentage of patients who completed therapy, regardless of duration.

Drug Susceptibility Reports

This report presents drug susceptibility results for the most recent year (2004). Because the Initial Drug Susceptibility Report (Follow-up 1) may be submitted several months after the initial case report, all results may not have been available at the time this report was prepared. At the time of preparation, drug-susceptibility testing was approximately 96 percent complete for culture-positive TB cases. As the final Follow-up 1 reports are submitted, overall proportions of drug resistance may change slightly. These updated results will be available in future reports, in tables presenting trends in drug resistance (Tables 45, 46).

Treatment Outcomes

Categories for completion of therapy (Tables 47–51, Figures 14–17) are: completed therapy in 12 months or less (includes patients whose treatment was completed in 366 days or less); completed therapy in more than 12 months (treatment completed in more than 366 days, or treatment completed in an undetermined amount of time). If the day of the month is missing from the treatment start or stop date (but the month and year are available), the missing day is set to the first of the month. Because the day of the month is much more likely to be missing from the stop date than the start date, the bias in calculating the duration of therapy is toward shorter duration of therapy.

Cases known to have started treatment, but for whom no Follow-up 2 is available are included in the “No Information” category. All other outcome categories reflect the “Reason Therapy Stopped” (question 37) variable of the Follow-up 2.

Table 1. Tuberculosis Cases and Case Rates per 100,000 Population: California, 1985-2004

Year	Cases	Rate	Percent Change From Previous Year	
			Cases	Rate
1985	3,492	13.2		
1986	3,442	12.7	-1.4	-3.8
1987	3,719	13.4	8.0	5.5
1988	3,468	12.2	-6.7	-9.0
1989	4,212	14.5	21.5	18.9
1990	4,889	16.4	16.1	13.1
1991	5,273	17.4	7.9	6.1
1992	5,382	17.4	2.1	0.0
1993	5,173	16.5	-3.9	-5.2
1994	4,860	15.4	-6.1	-6.7
1995	4,675	14.7	-3.8	-4.5
1996	4,313	13.5	-7.7	-8.2
1997	4,059	12.5	-5.9	-7.4
1998	3,855	11.7	-5.0	-6.4
1999	3,608	10.8	-6.4	-7.7
2000	3,297	9.7	-8.6	-10.2
2001	3,332	9.6	1.1	-1.0
2002	3,169	9.0	-4.9	-6.3
2003	3,227	9.0	1.8	0.0
2004	2,989	8.2	-7.4	-8.9

Tuberculosis Control Branch, California Department of Health Services

Table 2. Tuberculosis Cases by Race/Ethnicity, Age Group, Sex, Birthplace: California, 1995-2004

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Percent Change	
											1995-2004	2003-2004
Total Cases	4,675	4,313	4,059	3,855	3,608	3,297	3,332	3,169	3,227	2,989	-36.1	-7.4
Race/Ethnicity												
White, Not Hispanic	659	594	524	518	448	391	365	323	332	293	-55.5	-11.7
Black, Not Hispanic	592	551	421	384	376	322	292	277	249	225	-62.0	-9.6
Hispanic	1,691	1,549	1,431	1,401	1,340	1,198	1,252	1,273	1,281	1,173	-30.6	-8.4
Asian/Pacific Islander	1,702	1,601	1,661	1,527	1,415	1,367	1,399	1,285	1,351	1,287	-24.4	-4.7
American Indian/Alaska Native	16	13	17	25	18	16	16	7	7	6	-62.5	-14.3
Unknown	15	5	5	-	11	3	8	4	7	5	-66.7	-28.6
Age Group												
0-4	249	222	192	164	153	116	133	127	132	117	-53.0	-11.4
5-14	181	144	132	92	116	89	92	96	99	106	-41.4	7.1
15-24	437	416	419	358	334	328	318	311	349	302	-30.9	-13.5
25-44	1,623	1,503	1,341	1,276	1,161	1,058	1,109	1,056	991	923	-43.1	-6.9
45-64	1,171	1,079	1,088	1,063	976	944	953	870	930	869	-25.8	-6.6
65+	1,010	944	887	902	868	762	727	709	726	672	-33.5	-7.4
Unknown	4	5	-	-	-	-	-	-	-	-	-	-
Sex												
Male	2,909	2,694	2,499	2,347	2,166	1,974	2,029	1,883	1,878	1,787	-38.6	-4.8
Female	1,765	1,617	1,560	1,508	1,442	1,323	1,300	1,285	1,349	1,202	-31.9	-10.9
Unknown	1	2	-	-	-	-	3	1	-	-	-	-
Birthplace												
U.S.-born	1,573	1,447	1,226	1,136	1,061	904	824	758	771	710	-54.9	-7.9
Foreign-born	3,086	2,843	2,815	2,701	2,519	2,377	2,482	2,390	2,431	2,266	-26.6	-6.8
Unknown	15	23	18	18	28	16	26	21	25	13	-13.3	-48.0

- Indicates zero cases.

. Percent change not calculated where number of cases is less than 5.

Table 3. Tuberculosis Case Rates per 100,000 Population by Race/Ethnicity, Age Group, Sex: California, 1995-2004

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Percent Change	
											1995-2004	2003-2004
Total Cases	14.7	13.5	12.5	11.7	10.8	9.7	9.6	9.0	9.0	8.2	-44.2	-8.9
Race/Ethnicity												
White, Not Hispanic	4.0	3.7	3.2	3.2	2.8	2.4	2.3	2.0	2.1	1.8	-55.0	-14.3
Black, Not Hispanic	26.9	24.9	18.8	16.9	16.3	13.7	12.1	11.2	9.8	8.8	-67.3	-10.2
Hispanic	18.1	16.1	14.4	13.6	12.6	10.8	10.8	10.6	10.3	9.2	-49.2	-10.7
Asian/Pacific Islander	49.9	45.1	44.9	39.7	35.4	32.8	32.5	29.3	30.8	28.5	-42.9	-7.5
American Indian/Alaska Native	5.5	4.2	5.2	7.2	4.9	4.0	3.7	1.5	1.4	1.2	-78.2	-14.3
Age Group												
0-4	8.8	8.1	7.2	6.3	6.0	4.7	5.4	5.1	5.2	4.5	-48.9	-13.5
5-14	3.7	2.9	2.6	1.8	2.2	1.7	1.7	1.8	1.8	2.0	-45.9	11.1
15-24	9.6	9.1	9.0	7.6	6.9	6.7	6.4	6.2	6.8	5.7	-40.6	-16.2
25-44	15.5	14.3	12.7	12.0	10.8	9.8	10.2	9.7	9.1	8.5	-45.2	-6.6
45-64	20.3	18.2	17.7	16.7	14.7	13.5	13.0	11.4	11.7	10.6	-47.8	-9.4
65+	31.1	28.9	26.7	26.9	25.1	21.0	19.4	18.4	18.4	16.8	-46.0	-8.7
Sex												
♂												
Male	18.4	16.9	15.5	14.3	13.0	11.6	11.7	10.7	10.5	9.8	-46.7	-6.7
Female	11.1	10.1	9.6	9.1	8.6	7.7	7.5	7.3	7.5	6.6	-40.5	-12.0

Tuberculosis Control Branch, California Department of Health Services

Table 4. Tuberculosis Cases by Race/Ethnicity and Age Group: California, 1995-2004

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Percent Change	
											1995-2004	2003-2004
Total Cases	4,675	4,313	4,059	3,855	3,608	3,297	3,332	3,169	3,227	2,989	-36.1	-7.4
White, Not Hispanic	659	594	524	518	448	391	365	323	332	293	-55.5	-11.7
0-4	11	15	9	14	4	6	7	8	3	6	-45.5	.
5-14	5	6	7	2	9	6	2	7	5	6	20.0	20.0
15-24	16	18	21	14	10	14	15	16	23	17	6.3	-26.1
25-44	208	164	145	114	99	90	105	82	72	60	-71.2	-16.7
45-64	181	183	163	179	146	133	120	100	120	92	-49.2	-23.3
65+	237	207	179	195	180	142	116	110	109	112	-52.7	2.8
Unknown	1	1	-	-	-	-	-	-	-	-	.	.
Black, Not Hispanic	592	551	421	384	376	322	292	277	249	225	-62.0	-9.6
0-4	26	36	24	19	15	9	12	13	7	6	-76.9	-14.3
5-14	16	16	13	14	12	7	10	4	7	9	-43.8	28.6
15-24	28	35	29	22	39	28	18	28	23	19	-32.1	-17.4
25-44	269	248	179	149	146	122	111	100	77	75	-72.1	-2.6
45-64	182	152	124	126	117	117	101	94	96	86	-52.7	-10.4
65+	70	63	52	54	47	39	40	38	39	30	-57.1	-23.1
Unknown	1	1	-	-	-	-	-	-	-	-	.	.
Hispanic	1,691	1,549	1,431	1,401	1,340	1,198	1,252	1,273	1,281	1,173	-30.6	-8.4
0-4	173	144	119	101	114	77	96	88	99	85	-50.9	-14.1
5-14	124	101	71	56	82	56	65	66	67	66	-46.8	-1.5
15-24	224	204	194	189	161	183	180	166	183	165	-26.3	-9.8
25-44	632	602	524	526	469	418	443	460	459	401	-36.6	-12.6
45-64	323	317	318	320	306	288	286	297	288	275	-14.9	-4.5
65+	213	179	205	209	208	176	182	196	185	181	-15.0	-2.2
Unknown	2	2	-	-	-	-	-	-	-	-	.	.
Asian/Pacific Islander	1,702	1,601	1,661	1,527	1,415	1,367	1,399	1,285	1,351	1,287	-24.4	-4.7
0-4	39	27	39	26	19	23	18	18	23	19	-51.3	-17.4
5-14	33	21	40	20	13	19	15	19	20	25	-24.2	25.0
15-24	169	157	172	131	122	103	105	100	119	100	-40.8	-16.0
25-44	499	486	488	480	438	422	442	409	378	384	-23.0	1.6
45-64	478	420	476	430	396	399	438	378	421	413	-13.6	-1.9
65+	484	489	446	440	427	401	381	361	390	346	-28.5	-11.3
Unknown	-	1	-	-	-	-	-	-	-	-	.	.
American Indian/Alaska Native	16	13	17	25	18	16	16	7	7	6	-62.5	-14.3
0-4	-	-	1	4	1	1	-	-	-	1	.	.
5-14	-	-	1	-	-	1	-	-	-	-	.	.
15-24	-	1	2	2	-	-	-	1	-	1	.	.
25-44	10	3	4	7	6	5	5	2	3	2	.	.
45-64	5	5	6	8	9	6	8	1	2	1	.	.
65+	1	4	3	4	2	3	3	3	2	1	.	.
Race Unknown	15	5	5	-	11	3	8	4	7	5	-66.7	-28.6
0-4	-	-	-	-	-	-	-	-	-	-	.	.
5-14	3	-	-	-	-	-	-	-	-	-	.	.
15-24	-	1	1	-	2	-	-	-	1	-	.	.
25-44	5	-	1	-	3	1	3	3	2	1	.	.
45-64	2	2	1	-	2	1	-	-	3	2	.	.
65+	5	2	2	-	4	1	5	1	1	2	.	.

- Indicates zero cases.

. Percent change not calculated where number of cases is less than 5.

Table 5. Tuberculosis Case Rates per 100,000 Population by Race/Ethnicity and Age Group: California, 1995-2004

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Percent Change	
											1995-2004	2003-2004
Total Cases	14.7	13.5	12.5	11.7	10.8	9.7	9.6	9.0	9.0	8.2	-44.2	-8.9
White, Not Hispanic	4.0	3.7	3.2	3.2	2.8	2.4	2.3	2.0	2.1	1.8	-55.0	-14.3
0-4	1.1	1.5	1.0	1.6	.	0.7	0.9	1.0	.	0.8	-27.3	.
5-14	0.2	0.3	0.3	.	0.5	0.3	.	0.4	0.3	0.3	50.0	.
15-24	0.9	1.0	1.2	0.8	0.6	0.8	0.8	0.9	1.3	0.9	.	-30.8
25-44	3.8	3.1	2.8	2.2	2.0	1.9	2.2	1.8	1.6	1.4	-63.2	-12.5
45-64	4.9	4.9	4.2	4.6	3.6	3.2	2.8	2.3	2.6	2.0	-59.2	-23.1
65+	9.7	8.5	7.3	8.0	7.3	5.6	4.5	4.2	4.1	4.2	-56.7	2.4
Black, Not Hispanic	26.9	24.9	18.8	16.9	16.3	13.7	12.1	11.2	9.8	8.8	-67.3	-10.2
0-4	11.6	16.8	11.7	9.5	7.6	5.0	6.7	7.3	3.9	3.4	-70.7	-12.8
5-14	4.1	4.0	3.1	3.3	2.8	1.6	2.3	.	1.6	2.0	-51.2	25.0
15-24	8.7	11.0	9.0	6.7	11.5	8.0	4.9	7.3	5.7	4.5	-48.3	-21.1
25-44	36.2	33.4	24.1	20.1	19.7	16.4	14.8	13.2	10.1	9.9	-72.7	-2.0
45-64	49.8	40.3	31.7	31.2	27.8	25.7	21.1	18.7	18.1	15.7	-68.5	-13.3
65+	44.4	39.5	32.1	32.6	27.2	20.6	20.2	18.5	18.3	13.7	-69.1	-25.1
Hispanic	18.1	16.1	14.4	13.6	12.6	10.8	10.8	10.6	10.3	9.2	-49.2	-10.7
0-4	13.9	11.6	9.6	8.3	9.5	6.5	8.1	7.3	8.0	6.7	-51.8	-16.3
5-14	6.6	5.2	3.5	2.6	3.7	2.4	2.7	2.7	2.7	2.6	-60.6	-3.7
15-24	12.5	11.1	10.2	9.6	8.0	9.0	8.6	7.7	8.3	7.3	-41.6	-12.0
25-44	20.9	19.3	16.2	15.6	13.4	11.4	11.5	11.5	11.0	9.4	-55.0	-14.5
45-64	31.1	29.1	27.7	26.3	23.5	20.2	18.7	18.1	16.4	14.7	-52.7	-10.4
65+	58.1	47.0	51.8	50.7	47.4	36.5	35.4	35.8	31.9	29.8	-48.7	-6.6
Asian/Pacific Islander	49.9	45.1	44.9	39.7	35.4	32.8	32.5	29.3	30.8	28.5	-42.9	-7.5
0-4	13.6	9.5	13.7	9.3	6.8	8.4	6.4	6.2	7.8	6.4	-52.9	-17.9
5-14	6.2	3.8	7.1	3.5	2.2	3.2	2.5	3.1	3.3	4.2	-32.3	27.3
15-24	30.8	27.7	29.3	21.7	19.7	16.5	16.5	15.7	18.9	15.3	-50.3	-19.0
25-44	42.7	40.1	38.6	36.6	32.2	30.2	31.0	28.7	27.3	27.2	-36.3	-0.4
45-64	77.1	63.5	67.3	56.9	48.8	44.8	46.5	38.4	41.3	38.5	-50.1	-6.8
65+	189.4	178.9	152.5	139.8	124.5	104.3	92.3	82.5	85.2	72.3	-61.8	-15.1
American Indian/Alaska Native	5.5	4.2	5.2	7.2	4.9	4.0	3.7	1.5	1.4	1.2	-78.2	-14.3
0-4	.	.	.	.	.	.	.	.	.	.	.	.
5-14	.	.	.	.	.	.	.	.	.	.	.	.
15-24	.	.	.	.	.	.	.	.	.	.	.	.
25-44	10.1	.	.	6.3	5.2	4.4	4.2	.	.	.	.	.
45-64	8.7	7.9	8.6	10.6	10.9	8.3	9.9	.	.	.	.	.
65+	.	.	.	.	.	.	.	.	.	.	.	.

. Case rate and percent change not calculated where number of cases is less than 5.

Table 6. Tuberculosis Cases by Race/Ethnicity, Sex and Age Group: California, 2004

	All Ages	Age Group					
		0-4	5-14	15-24	25-44	45-64	65+
Total Cases	2,989	117	106	302	923	869	672
White, Not Hispanic	293	6	6	17	60	92	112
Male	183	4	3	8	42	66	60
Female	110	2	3	9	18	26	52
Black, Not Hispanic	225	6	9	19	75	86	30
Male	135	6	5	12	39	56	17
Female	90	-	4	7	36	30	13
Hispanic	1,173	85	66	165	401	275	181
Male	733	34	31	106	265	187	110
Female	440	51	35	59	136	88	71
Asian/Pacific Islander	1,287	19	25	100	384	413	346
Male	726	6	11	48	190	258	213
Female	561	13	14	52	194	155	133
American Indian/Alaska Native	6	1	-	1	2	1	1
Male	5	-	-	1	2	1	1
Female	1	1	-	-	-	-	-
Race/Ethnicity Not Stated	5	-	-	-	1	2	2
Male	5	-	-	-	1	2	2
Female	-	-	-	-	-	-	-

- Indicates zero cases.

Tuberculosis Control Branch, California Department of Health Services

**Table 7. Tuberculosis Case Rates per 100,000 Population by Race/Ethnicity, Sex and Age Group:
California, 2004**

	All Ages	Age Group				
		0-4	5-14	15-24	25-44	45-64
Total Cases	8.2	4.5	2.0	5.7	8.5	10.6
White, Not Hispanic	1.8	0.8	0.3	0.9	1.4	2.0
Male	2.3	.	.	0.8	1.9	2.8
Female	1.4	.	.	1.0	0.9	1.1
Black, Not Hispanic	8.8	3.4	2.0	4.5	9.9	15.7
Male	10.7	6.7	2.2	5.5	10.4	21.3
Female	6.9	.	.	3.5	9.4	10.5
Hispanic	9.2	6.7	2.6	7.3	9.4	14.7
Male	11.2	5.2	2.4	8.8	11.7	20.6
Female	7.0	8.2	2.9	5.5	6.7	9.2
Asian/Pacific Islander	28.5	6.4	4.2	15.3	27.2	38.5
Male	33.2	3.9	3.6	14.3	27.8	51.5
Female	24.1	8.9	4.8	16.3	26.6	27.2
American Indian/Alaska Native	1.2	.	.	.	.	.
Male	2.0	.	.	.	.	.
Female	.	.	.	.	.	.

Case rates not calculated where number of cases is less than 5.

Tuberculosis Control Branch, California Department of Health Services

Table 8. Tuberculosis Cases in U.S.-born Persons by Race/Ethnicity, Sex and Age Group: California, 2004

	All Ages	Age Group					
		0-4	5-14	15-24	25-44	45-64	65+
Total Cases	710	92	62	68	152	195	141
White, Not Hispanic	210	5	1	12	49	73	70
Male	138	3	-	4	34	56	41
Female	72	2	1	8	15	17	29
Black, Not Hispanic	175	5	5	11	49	79	26
Male	109	5	3	10	25	52	14
Female	66	-	2	1	24	27	12
Hispanic	271	73	48	33	43	39	35
Male	140	29	21	17	28	24	21
Female	131	44	27	16	15	15	14
Asian/Pacific Islander	48	8	8	11	9	3	9
Male	24	2	3	7	4	2	6
Female	24	6	5	4	5	1	3
American Indian/Alaska Native	5	1	-	1	2	1	-
Male	4	-	-	1	2	1	-
Female	1	1	-	-	-	-	-
Race/Ethnicity Not Stated	1	-	-	-	-	-	1
Male	1	-	-	-	-	-	1
Female	-	-	-	-	-	-	-

- Indicates zero cases.

Tuberculosis Control Branch, California Department of Health Services

Table 9. Tuberculosis Cases in Foreign-born Persons by Race/Ethnicity, Sex and Age Group: California, 2004

	All Ages	Age Group					
		0-4	5-14	15-24	25-44	45-64	65+
Total Cases	2,266	25	43	233	768	668	529
White, Not Hispanic	83	1	5	5	11	19	42
Male	45	1	3	4	8	10	19
Female	38	-	2	1	3	9	23
Black, Not Hispanic	50	1	4	8	26	7	4
Male	26	1	2	2	14	4	3
Female	24	-	2	6	12	3	1
Hispanic	894	12	18	131	356	233	144
Male	588	5	10	88	235	161	89
Female	306	7	8	43	121	72	55
Asian/Pacific Islander	1,235	11	16	89	374	408	337
Male	699	4	7	41	185	255	207
Female	536	7	9	48	189	153	130
American Indian/Alaska Native	1	-	-	-	-	-	1
Male	1	-	-	-	-	-	1
Female	-	-	-	-	-	-	-
Race/Ethnicity Not Stated	3	-	-	-	1	1	1
Male	3	-	-	-	1	1	1
Female	-	-	-	-	-	-	-

- Indicates zero cases.

Tuberculosis Control Branch, California Department of Health Services

Table 10. Tuberculosis Cases in Foreign-born Persons by Country of Origin and Time in the United States: California, 2004

Country of Origin *	Total Foreign-born Cases	Time in United States											
		≤ 1 year		1-2 years		3-5 years		6-10 years		11-20 years		>20 years	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Total	2,266	476	21.0	98	4.3	254	11.2	266	11.7	492	21.7	618	27.3
Mexico	723	136	18.8	32	4.4	89	12.3	71	9.8	134	18.5	241	33.3
Philippines	425	100	23.5	15	3.5	50	11.8	44	10.4	110	25.9	96	22.6
Vietnam	282	70	24.8	6	2.1	19	6.7	36	12.8	89	31.6	60	21.3
China**	137	22	16.1	-	-	9	6.6	20	14.6	32	23.4	51	37.2
Korea, South	88	11	12.5	4	4.5	15	17.0	12	13.6	15	17.0	26	29.5
India	85	21	24.7	8	9.4	15	17.6	17	20.0	9	10.6	12	14.1
Kampuchea (Cambodia)	54	8	14.8	2	3.7	3	5.6	2	3.7	9	16.7	24	44.4
Guatemala	51	12	23.5	7	13.7	9	17.6	7	13.7	9	17.6	6	11.8
El Salvador	47	7	14.9	-	-	8	17.0	8	17.0	15	31.9	9	19.1
Laos	46	4	8.7	-	-	-	-	6	13.0	15	32.6	18	39.1
Thailand	29	17	58.6	1	3.4	3	10.3	-	-	3	10.3	5	17.2
Peru	28	5	17.9	4	14.3	7	25.0	6	21.4	4	14.3	2	7.1
Ethiopia	21	9	42.9	2	9.5	3	14.3	2	9.5	3	14.3	2	9.5
Burma	16	7	43.8	1	6.3	2	12.5	4	25.0	1	6.3	1	6.3
Taiwan	16	2	12.5	-	-	2	12.5	3	18.8	4	25.0	4	25.0
Afghanistan	12	1	8.3	-	-	1	8.3	1	8.3	6	50.0	3	25.0
Honduras	10	3	30.0	2	20.0	-	-	4	40.0	-	-	-	-
Japan	10	-	-	-	-	1	10.0	1	10.0	-	-	7	70.0
Pakistan	10	2	20.0	2	20.0	1	10.0	-	-	1	10.0	4	40.0
Ukraine	10	5	50.0	-	-	1	10.0	3	30.0	1	10.0	-	-
Indonesia	9	3	33.3	1	11.1	-	-	1	11.1	3	33.3	1	11.1
Iran	9	-	-	1	11.1	-	-	2	22.2	3	33.3	3	33.3
Colombia	6	1	16.7	-	-	1	16.7	-	-	1	16.7	3	50.0
Kenya	6	3	50.0	-	-	-	-	2	33.3	1	16.7	-	-
Korea, North	6	1	16.7	1	16.7	-	-	2	33.3	-	-	2	33.3
Nicaragua	6	-	-	-	-	-	-	-	-	2	33.3	3	50.0
Soviet Union	6	-	-	-	-	-	-	1	16.7	2	33.3	2	33.3
Bangladesh	5	1	20.0	1	20.0	-	-	1	20.0	1	20.0	1	20.0
Ecuador	5	-	-	1	20.0	2	40.0	-	-	-	-	2	40.0
Fiji	5	2	40.0	1	20.0	1	20.0	-	-	-	-	-	1 20.0
Other Countries	103	23	22.3	6	5.8	12	11.7	10	9.7	19	18.4	30	29.1
												3	2.9

* Countries listed in order of number of cases.

** People's Republic of China including Hong Kong.

- Indicates zero cases or zero percent.

Table 11. AIDS-associated Tuberculosis* by Demographic Characteristics and Risk Factors for Tuberculosis: California, 1998-2003

	1998			1999			2000			2001			2002			2003		
	Total Cases	AIDS Diagnosis No.	AIDS Diagnosis %	Total Cases	AIDS Diagnosis No.	AIDS Diagnosis %	Total Cases	AIDS Diagnosis No.	AIDS Diagnosis %	Total Cases	AIDS Diagnosis No.	AIDS Diagnosis %	Total Cases	AIDS Diagnosis No.	AIDS Diagnosis %	Total Cases	AIDS Diagnosis No.	AIDS Diagnosis %
California	3,850	227	5.9	3,605	220	6.1	3,288	147	4.5	3,329	149	4.5	3,173	165	5.2	3,220	183	5.7
Race/Ethnicity																		
White, Not Hispanic	511	37	7.2	450	41	9.1	384	24	6.3	368	25	6.8	315	19	6.0	330	28	8.5
Black, Not Hispanic	384	59	15.4	373	55	14.7	318	38	11.9	291	33	11.3	276	46	16.7	248	28	11.3
Hispanic	1,405	117	8.3	1,341	112	8.4	1,201	78	6.5	1,254	79	6.3	1,277	86	6.7	1,279	109	8.5
Asian/Pacific Islander	1,510	11	0.7	1,406	11	0.8	1,355	7	0.5	1,386	11	0.8	1,281	13	1.0	1,344	17	1.3
American Indian/Alaska Native	24	3	12.5	16	1	6.3	15	-	-	15	1	6.7	6	1	16.7	7	-	-
Unknown	16	-	-	19	-	-	15	-	-	15	-	-	18	-	-	7	1	14.3
Age Group																		
0-4	160	-	-	153	-	-	115	-	-	132	-	-	127	-	-	132	-	-
5-14	94	-	-	116	-	-	89	1	1.1	92	-	-	97	-	-	99	-	-
15-24	356	5	1.4	333	4	1.2	327	3	0.9	319	3	0.9	311	5	1.6	348	7	2.0
25-44	1,278	162	12.7	1,159	144	12.4	1,057	109	10.3	1,104	93	8.4	1,056	104	9.8	991	118	11.9
45-64	1,058	55	5.2	975	69	7.1	938	32	3.4	955	52	5.4	873	50	5.7	927	51	5.5
65+	904	5	0.6	869	3	0.3	762	2	0.3	727	1	0.1	709	6	0.8	723	7	1.0
Sex																		
Male	2,345	199	8.5	2,166	196	9.0	1,972	129	6.5	2,029	128	6.3	1,890	130	6.9	1,872	155	8.3
Female	1,505	28	1.9	1,439	24	1.7	1,316	18	1.4	1,300	21	1.6	1,283	35	2.7	1,348	28	2.1
Place of Birth																		
Foreign-born	2,697	103	3.8	2,519	112	4.4	2,376	73	3.1	2,489	82	3.3	2,396	97	4.0	2,426	121	5.0
U.S.-born	1,135	123	10.8	1,058	108	10.2	897	73	8.1	822	67	8.2	758	67	8.8	771	60	7.8
Unknown	18	1	5.6	28	-	-	15	1	6.7	18	-	-	19	1	5.3	23	2	8.7
Homeless																		
No	3,540	178	5.0	3,320	175	5.3	3,027	110	3.6	3,066	116	3.8	2,932	127	4.3	2,966	140	4.7
Yes	237	41	17.3	235	43	18.3	224	33	14.7	231	33	14.3	205	38	18.5	225	40	17.8
Unknown	73	8	11.0	50	2	4.0	37	4	10.8	32	-	-	36	-	-	29	3	10.3
Alcohol Use																		
No	3,126	154	4.9	3,015	138	4.6	2,779	99	3.6	2,838	117	4.1	2,737	125	4.6	2,773	121	4.4
Yes	431	47	10.9	421	62	14.7	364	35	9.6	371	26	7.0	324	35	10.8	345	50	14.5
Unknown	293	26	8.9	169	20	11.8	145	13	9.0	120	6	5.0	112	5	4.5	102	12	11.8
Injecting Drug Use																		
No	3,469	170	4.9	3,348	175	5.2	3,050	114	3.7	3,122	118	3.8	2,995	141	4.7	3,035	147	4.8
Yes	114	33	28.9	93	24	25.8	89	18	20.2	86	24	27.9	72	21	29.2	73	24	32.9
Unknown	267	24	9.0	164	21	12.8	149	15	10.1	121	7	5.8	106	3	2.8	112	12	10.7
Non-injecting Drug Use																		
No	3,303	138	4.2	3,197	143	4.5	2,907	93	3.2	2,994	108	3.6	2,895	128	4.4	2,903	122	4.2
Yes	266	60	22.6	230	58	25.2	227	38	16.7	209	33	15.8	168	33	19.6	195	46	23.6
Unknown	281	29	10.3	178	19	10.7	154	16	10.4	126	8	6.3	110	4	3.6	122	15	12.3
Diagnosed in Correctional Facility																		
No	3,704	211	5.7	3,479	205	5.9	3,171	139	4.4	3,205	140	4.4	3,086	164	5.3	3,120	176	5.6
Yes	136	15	11.0	118	14	11.9	113	7	6.2	115	9	7.8	71	1	1.4	91	7	7.7
Unknown	10	1	10.0	8	1	12.5	4	1	25.0	9	-	-	16	-	-	9	-	-

* Match found in AIDS Case Registry, California Office of AIDS.

- Indicates zero cases or zero percent.

Table 12. Tuberculosis Cases, Rate per 100,000 Population and Rank* According to Rate: Reporting Jurisdictions in California, 2003-2004

Reporting Jurisdiction	2003			2004		
	Rank	Cases	Rate	Rank	Cases	Rate
Imperial	2	25	16.3	1	31	19.7
San Francisco	1	162	20.6	2	135	17.1
Sacramento	8	153	11.5	3	161	11.8
Santa Clara	5	226	13.1	4	203	11.7
Fresno	4	115	13.4	4	102	11.7
Long Beach	3	65	13.5	6	54	11.1
Yuba	38	3	-	7	7	10.7
San Diego	10	316	10.6	8	320	10.6
Alameda	7	175	12.6	9	144	10.2
San Joaquin	9	69	11.0	10	65	10.1
Solano	19	30	7.2	11	42	10.0
Los Angeles	12	950	10.1	12	930	9.8
Ventura	13	74	9.3	13	72	8.9
Pasadena	15	12	8.5	14	12	8.3
California						8.2
San Mateo	18	52	7.3	15	56	7.8
Orange	16	248	8.3	16	224	7.4
Monterey	6	54	12.9	17	29	6.8
Contra Costa	17	82	8.2	18	64	6.3
Napa	27	6	4.6	19	7	5.3
Tulare	31	16	4.1	20	21	5.2
Marin	21	17	6.8	20	13	5.2
United States						4.9
Kern	23	47	6.6	22	36	4.9
Santa Barbara	14	37	9.0	23	18	4.3
Sonoma	35	15	3.2	24	20	4.2
Riverside	29	75	4.3	25	75	4.1
Stanislaus	33	17	3.5	26	19	3.8
Madera	11	14	10.5	27	5	3.7
Year 2000 National Objective						3.5
San Bernardino	32	67	3.6	28	67	3.5
Santa Cruz	33	9	3.5	28	9	3.5
Merced	20	16	6.9	30	8	3.4
Yolo	24	12	6.5	31	5	2.6
Berkeley	26	5	4.8	32	4	-
Butte	37	6	2.8	32	4	-
Humboldt	38	2	-	32	4	-
Shasta	27	8	4.6	32	4	-
El Dorado	49	-	-	32	3	-
Kings	38	3	-	32	3	-
Lake	38	1	-	32	3	-
Placer	30	12	4.2	32	2	-
San Benito	38	2	-	32	2	-
San Luis Obispo	36	8	3.1	32	2	-
Mendocino	22	6	6.7	32	1	-
Nevada	38	1	-	32	1	-
Tehama	38	3	-	32	1	-
Tuolumne	49	-	-	32	1	-
Alpine	49	-	-	46	-	-
Amador	49	-	-	46	-	-
Calaveras	49	-	-	46	-	-
Colusa	38	1	-	46	-	-
Del Norte	38	1	-	46	-	-
Glenn	38	3	-	46	-	-
Inyo	38	1	-	46	-	-
Lassen	49	-	-	46	-	-
Mariposa	49	-	-	46	-	-
Modoc	49	-	-	46	-	-
Mono	49	-	-	46	-	-
Plumas	49	-	-	46	-	-
Sierra	49	-	-	46	-	-
Siskiyou	49	-	-	46	-	-
Sutter	25	5	5.9	46	-	-
Trinity	49	-	-	46	-	-

* All jurisdictions with one to four cases are given the same rank, and all jurisdictions with zero cases are given the same rank.

- Indicates zero cases.

. Rates not calculated where number of cases is less than 5.

Table 13. Tuberculosis Cases by Year: Reporting Jurisdictions in California, 1995-2004

Reporting Jurisdiction	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Percent Change	
											1995-2004	2003-2004
California	4,675	4,313	4,059	3,855	3,608	3,297	3,332	3,169	3,227	2,989	-36.1	-7.4
Alameda	239	234	193	223	224	242	196	199	175	144	-39.7	-17.7
Alpine	-	-	-	-	-	-	-	-	-	-	-	-
Amador	-	2	-	1	1	-	-	-	-	-	-	-
Berkeley	14	13	20	7	17	4	12	11	5	4	-	-
Butte	6	4	13	4	4	4	5	1	6	4	-	-
Calaveras	-	-	-	1	-	-	1	-	-	-	-	-
Colusa	1	-	3	-	-	1	2	-	1	-	-	-
Contra Costa	103	119	107	102	97	78	105	68	82	64	-37.9	-22.0
Del Norte	1	-	-	1	-	1	-	-	1	-	-	-
El Dorado	4	3	3	3	1	4	5	3	-	3	-	-
Fresno	72	69	92	114	101	91	98	98	115	102	41.7	-11.3
Glenn	-	2	1	-	-	1	-	-	3	-	-	-
Humboldt	10	7	8	15	8	6	7	6	2	4	-	-
Imperial	38	40	39	39	38	26	25	29	25	31	-18.4	24.0
Inyo	-	-	-	-	-	1	-	1	1	-	-	-
Kern	80	71	63	48	62	49	49	57	47	36	-55.0	-23.4
Kings	18	31	14	18	11	7	11	6	3	3	-	-
Lake	3	6	3	2	2	2	2	-	1	3	-	-
Lassen	1	2	-	-	1	1	-	-	-	-	-	-
Long Beach	91	97	100	57	88	63	50	59	65	54	-40.7	-16.9
Los Angeles	1,627	1,375	1,346	1,299	1,170	1,066	1,046	1,025	950	930	-42.8	-2.1
Madera	11	10	10	7	9	14	11	12	14	5	-54.5	-64.3
Marin	22	16	12	20	10	11	15	12	17	13	-40.9	-23.5
Mariposa	-	-	-	-	-	2	-	-	-	-	-	-
Mendocino	2	-	2	4	1	4	2	7	6	1	-	-
Merced	18	19	10	8	11	10	15	16	16	8	-55.6	-50.0
Modoc	-	-	-	-	-	2	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-	-	-
Monterey	53	36	45	48	47	35	39	24	54	29	-45.3	-46.3
Napa	7	11	3	5	3	3	2	7	6	7	-	16.7
Nevada	-	-	-	1	2	1	1	-	1	1	-	-
Orange	336	273	330	298	246	246	278	230	248	224	-33.3	-9.7
Pasadena	28	24	11	19	8	13	17	12	12	12	-57.1	-
Placer	7	3	4	5	3	1	3	3	12	2	-	-
Plumas	3	1	1	-	-	1	-	-	-	-	-	-
Riverside	95	99	67	74	79	71	66	68	75	75	-21.1	-
Sacramento	125	147	145	112	97	120	130	104	153	161	28.8	5.2
San Benito	3	1	3	3	5	2	6	3	2	2	-	-
San Bernardino	128	130	130	101	113	104	83	63	67	67	-47.7	-
San Diego	438	385	334	339	296	295	332	326	316	320	-26.9	1.3
San Francisco	270	262	242	207	235	170	182	146	162	135	-50.0	-16.7
San Joaquin	77	73	64	65	74	72	51	52	69	65	-15.6	-5.8
San Luis Obispo	14	11	9	16	6	9	11	6	8	2	-	-
San Mateo	86	92	85	80	62	46	78	67	52	56	-34.9	7.7
Santa Barbara	63	69	36	32	26	22	26	18	37	18	-71.4	-51.4
Santa Clara	286	297	258	251	244	235	215	254	226	203	-29.0	-10.2
Santa Cruz	26	18	15	12	14	4	7	6	9	9	-65.4	-
Shasta	5	3	10	4	5	5	4	4	8	4	-	-
Sierra	-	-	-	-	-	-	-	-	-	-	-	-
Siskiyou	2	-	-	2	1	1	-	-	-	-	-	-
Solano	65	59	45	50	32	27	35	26	30	42	-35.4	40.0
Sonoma	19	24	12	16	18	16	9	16	15	20	5.3	33.3
Stanislaus	34	31	35	25	33	18	18	22	17	19	-44.1	11.8
Sutter	12	9	6	9	6	4	5	7	5	-	-	-
Tehama	-	8	4	1	2	2	1	-	3	1	-	-
Trinity	2	1	-	-	-	-	-	-	-	-	-	-
Tulare	41	36	24	27	22	17	15	19	16	21	-48.8	31.3
Tuolumne	-	-	1	8	-	2	1	-	-	1	-	-
Ventura	73	70	79	57	62	44	52	66	74	72	-1.4	-2.7
Yolo	10	14	15	8	9	9	5	4	12	5	-50.0	-58.3
Yuba	6	6	7	7	2	12	3	6	3	7	16.7	-

- Indicates zero cases.

. Percent change not calculated where number of cases is less than 5.

Table 14. Tuberculosis Case Rates per 100,000 Population: Reporting Jurisdictions in California, 1995-2004

Reporting Jurisdiction	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Percent Change	
											1995-2004	2003-2004
California	14.7	13.5	12.5	11.7	10.8	9.7	9.6	9.0	9.0	8.2	-44.2	-8.9
Alameda	19.4	18.8	15.1	17.2	17.0	17.9	14.3	14.4	12.6	10.2	-47.4	-19.0
Alpine	.	.	.	.	.	.	.	.	.	.	.	.
Amador	.	.	.	.	.	.	.	.	.	.	.	.
Berkeley	13.9	13.0	19.8	6.9	16.6	.	11.7	10.6	4.8	.	.	.
Butte	3.0	.	6.5	.	.	.	2.4	.	2.8	.	.	.
Calaveras	.	.	.	.	.	.	.	.	.	.	.	.
Colusa	.	.	.	.	.	.	.	.	.	.	.	.
Contra Costa	11.8	13.5	11.9	11.1	10.4	8.2	10.7	6.9	8.2	6.3	-46.6	-23.2
Del Norte	.	.	.	.	.	.	.	.	.	.	.	.
El Dorado	.	.	.	.	.	.	3.1	.	.	.	.	.
Fresno	9.5	9.0	11.9	14.6	12.8	11.3	12.0	11.7	13.4	11.7	23.2	-12.7
Glenn	.	.	.	.	.	.	.	.	.	.	.	.
Humboldt	8.0	5.6	6.3	12.0	6.3	4.7	5.5	4.7	.	.	.	.
Imperial	27.9	29.0	28.1	28.0	27.0	18.1	17.1	19.4	16.3	19.7	-29.4	20.9
Inyo	.	.	.	.	.	.	.	.	.	.	.	.
Kern	12.9	11.3	9.9	7.5	9.5	7.4	7.2	8.2	6.6	4.9	-62.0	-25.8
Kings	15.5	26.7	11.9	14.6	8.6	5.4	8.3	4.4	.	.	.	.
Lake	.	10.6	.	.	.	.	.	.	.	.	.	.
Lassen	.	.	.	.	.	.	.	.	.	.	.	.
Long Beach	20.8	22.2	22.7	12.8	19.5	13.7	10.8	12.5	13.5	11.1	-46.6	-17.8
Los Angeles	19.1	16.1	15.6	14.9	13.3	11.9	11.4	11.0	10.1	9.8	-48.7	-3.0
Madera	10.0	8.8	8.5	5.9	7.4	11.3	8.7	9.3	10.5	3.7	-63.0	-64.8
Marin	9.2	6.7	5.0	8.2	4.1	4.4	6.0	4.8	6.8	5.2	-43.5	-23.5
Mariposa	.	.	.	.	.	.	.	.	.	.	.	.
Mendocino	.	.	.	.	.	.	.	7.9	6.7	.	.	.
Merced	9.0	9.6	5.0	3.9	5.3	4.7	6.9	7.1	6.9	3.4	-62.2	-50.7
Modoc	.	.	.	.	.	.	.	.	.	.	.	.
Mono	.	.	.	.	.	.	.	.	.	.	.	.
Monterey	14.7	10.0	11.9	12.4	11.9	8.7	9.5	5.8	12.9	6.8	-53.7	-47.3
Napa	6.0	9.3	.	4.1	.	.	.	5.4	4.6	5.3	-11.7	15.2
Nevada	.	.	.	.	.	.	.	.	.	.	.	.
Orange	13.0	10.3	12.2	10.8	8.8	8.6	9.5	7.8	8.3	7.4	-43.1	-10.8
Pasadena	21.4	18.4	8.4	14.5	6.1	9.7	12.7	8.6	8.5	8.3	-61.2	-2.4
Placer	3.3	.	2.1	.	.	.	.	4.2	.	.	.	.
Plumas	.	.	.	.	.	.	.	.	.	.	.	.
Riverside	6.9	7.0	4.7	5.0	5.2	4.6	4.1	4.0	4.3	4.1	-40.6	-4.7
Sacramento	11.2	13.0	12.6	9.6	8.1	9.8	10.2	8.0	11.5	11.8	5.4	2.6
San Benito	.	.	.	.	9.6	.	10.9	.	.	.	.	.
San Bernardino	8.1	8.1	8.0	6.1	6.7	6.0	4.7	3.5	3.6	3.5	-56.8	-2.8
San Diego	16.7	14.7	12.5	12.4	10.7	10.4	11.5	11.1	10.6	10.6	-36.5	.
San Francisco	36.5	35.2	32.3	27.3	30.7	21.8	23.1	18.5	20.6	17.1	-53.2	-17.0
San Joaquin	14.7	13.8	11.9	12.0	13.3	12.7	8.6	8.6	11.0	10.1	-31.3	-8.2
San Luis Obispo	6.1	4.7	3.8	6.7	2.5	3.6	4.4	2.3	3.1	.	.	.
San Mateo	12.7	13.5	12.3	11.5	8.8	6.5	10.9	9.4	7.3	7.8	-38.6	6.8
Santa Barbara	16.4	17.9	9.2	8.2	6.6	5.5	6.4	4.4	9.0	4.3	-73.8	-52.2
Santa Clara	18.2	18.6	15.9	15.2	14.6	13.9	12.6	14.8	13.1	11.7	-35.7	-10.7
Santa Cruz	10.8	7.4	6.1	4.8	5.5	.	2.7	2.3	3.5	3.5	-67.6	.
Shasta	3.1	.	6.2	.	3.1	3.0	.	.	4.6	.	.	.
Sierra	.	.	.	.	.	.	.	.	.	.	.	.
Siskiyou	.	.	.	.	.	.	.	.	.	.	.	.
Solano	17.7	16.0	12.0	13.2	8.2	6.8	8.6	6.3	7.2	10.0	-43.5	38.9
Sonoma	4.5	5.6	2.7	3.6	4.0	3.5	1.9	3.4	3.2	4.2	-6.7	31.3
Stanislaus	8.2	7.4	8.2	5.8	7.5	4.0	3.9	4.6	3.5	3.8	-53.7	8.6
Sutter	16.2	12.0	7.9	11.7	7.7	.	6.2	8.5	5.9	.	.	.
Tehama	.	14.7	.	.	.	.	.	.	.	.	.	.
Trinity	.	.	.	.	.	.	.	.	.	.	.	.
Tulare	11.7	10.2	6.7	7.5	6.0	4.6	4.0	5.0	4.1	5.2	-55.6	26.8
Tuolumne	.	.	.	14.8	.	.	.	.	.	.	.	.
Ventura	10.4	9.9	10.9	7.8	8.3	5.8	6.7	8.4	9.3	8.9	-14.4	-4.3
Yolo	6.5	8.9	9.4	5.0	5.4	5.3	2.9	.	6.5	2.6	-60.0	-60.0
Yuba	9.7	9.7	11.3	11.5	.	19.8	.	9.6	.	10.7	10.3	.

Rates and rate changes not calculated where number of cases is less than 5.

Table 15. Tuberculosis Cases by Age Group: Reporting Jurisdictions in California, 2004

Reporting Jurisdiction	All Cases	Age Group					
		0-4	5-14	15-24	25-44	45-64	65+
California	2,989	117	106	302	923	869	672
Alameda	144	1	5	17	37	43	41
Contra Costa	64		1	5	24	19	15
Fresno	102	19	18	9	18	26	12
Imperial	31	2	2	3	10	7	7
Kern	36	3	1	2	11	9	10
Long Beach	54	1	1	3	20	19	10
Los Angeles	930	27	20	98	281	287	217
Madera	5	2	-	-	1	1	1
Marin	13	-	-	-	6	6	1
Merced	8	-	1	-	1	1	5
Monterey	29	3	1	1	8	10	6
Napa	7	-	1	1	3	1	1
Orange	224	3	5	24	75	60	57
Pasadena	12	-	-	3	1	2	6
Riverside	75	4	1	9	22	18	21
Sacramento	161	7	9	17	52	47	29
San Bernardino	67	2	1	6	27	19	12
San Diego	320	15	21	44	109	81	50
San Francisco	135	5	6	8	45	36	35
San Joaquin	65	3	2	11	13	17	19
San Mateo	56	1	1	4	15	21	14
Santa Barbara	18	-	1	2	6	5	4
Santa Clara	203	4	2	18	72	61	46
Santa Cruz	9	-	1	-	5	1	2
Solano	42	3	1	3	9	16	10
Sonoma	20	2	-	-	11	4	3
Stanislaus	19	2	-	2	3	9	3
Tulare	21	4	2	1	6	3	5
Ventura	72	3	2	3	22	23	19
Yolo	5	-	-	1	-	3	1
Yuba	7	-	-	4	1	1	1
All Other Jurisdictions*	35	1	-	3	9	13	9

- Indicates zero cases.

*Reporting jurisdictions with fewer than 5 cases.

Table 16. Tuberculosis Cases in Persons 0-4 Years of Age: Reporting Jurisdictions in California, 1996-2004

Reporting Jurisdiction	1996		1997		1998		1999		2000		2001		2002		2003		2004	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
California	221	5.2	190	4.7	160	4.2	153	4.2	115	3.5	132	4.0	127	4.0	132	4.1	117	3.9
Alameda	10	4.3	13	6.8	11	4.9	8	3.6	5	2.1	3	1.5	13	6.5	3	1.7	1	0.7
Contra Costa	11	9.4	5	4.8	7	6.9	8	8.2	2	2.6	5	4.8	1	1.4	5	6.1	-	-
Fresno	2	2.9	7	7.6	10	8.7	5	5.0	7	7.7	11	11.3	25	25.3	27	23.5	19	18.6
Imperial	4	10.0	1	2.6	5	12.8	11	28.9	-	-	-	-	1	3.4	-	-	2	6.5
Kern	6	8.5	4	6.3	2	4.2	3	4.8	5	10.2	1	1.9	1	1.7	2	4.3	3	8.3
Long Beach	9	9.2	8	8.1	1	1.8	8	9.1	5	7.9	1	2.0	9	15.3	4	6.2	1	1.9
Los Angeles	59	4.3	53	3.9	43	3.3	38	3.3	36	3.4	31	3.0	20	2.0	21	2.2	27	2.9
Madera	1	10.0	2	20.0	1	16.7	-	-	-	-	2	18.2	-	-	1	7.1	2	40.0
Marin	1	6.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Merced	-	-	-	-	1	12.5	-	-	-	-	2	13.3	1	5.9	-	-	-	-
Monterey	7	19.4	8	17.8	5	10.4	5	10.4	4	10.3	3	7.9	-	-	7	13.0	3	10.3
Orange	7	2.6	11	3.3	7	2.3	5	2.0	10	4.1	13	4.7	9	3.9	6	2.4	3	1.3
Pasadena	1	4.2	2	18.2	-	-	-	-	1	7.7	-	-	-	-	-	-	-	-
Riverside	7	7.1	2	3.0	1	1.4	5	6.3	2	2.9	-	-	5	7.4	4	5.3	4	5.3
Sacramento	9	6.1	8	5.7	4	3.6	-	-	3	2.5	4	3.1	8	7.7	3	2.0	7	4.3
San Bernardino	16	12.5	13	10.2	7	7.0	5	4.4	3	2.9	8	9.6	1	1.6	1	1.5	2	3.0
San Diego	19	4.9	13	3.9	21	6.1	18	6.0	13	4.4	18	5.4	10	3.1	15	4.7	15	4.7
San Francisco	4	1.5	6	2.5	3	1.4	5	2.1	2	1.2	4	2.2	3	2.1	2	1.2	5	3.7
San Joaquin	2	2.8	5	7.8	3	4.6	3	4.1	3	4.2	1	2.0	-	-	2	2.9	3	4.6
San Mateo	5	5.4	3	3.5	2	2.5	2	3.2	2	4.3	3	3.9	5	7.4	4	7.7	1	1.8
Santa Barbara	10	14.5	2	5.4	3	10.0	-	-	-	-	2	7.7	2	11.8	4	10.8	-	-
Santa Clara	8	2.7	10	3.9	4	1.6	7	2.9	4	1.7	9	4.2	4	1.6	7	3.1	4	2.0
Solano	3	5.8	4	8.9	2	3.9	4	12.5	2	7.4	4	11.4	2	7.7	3	10.3	3	7.1
Sonoma	3	12.5	-	-	1	6.3	1	5.6	1	6.3	-	-	1	5.9	-	-	2	10.0
Stanislaus	-	-	-	-	1	4.0	1	3.0	-	-	-	-	-	-	-	-	2	10.5
Tulare	1	2.8	1	4.2	3	11.1	-	-	-	-	1	6.7	2	10.5	1	6.3	4	19.0
Ventura	9	12.9	3	3.8	4	7.0	5	8.1	1	2.3	1	1.9	2	3.0	7	9.6	3	4.2
All Other Jurisdictions*	7	4.5	6	4.2	8	5.9	6	5.8	4	4.1	5	5.2	2	2.5	3	3.0	1	1.6

-Indicates zero cases or zero percent.

*Reporting jurisdictions with fewer than 5 total cases in any year.

Table 17. Tuberculosis Cases by Race/Ethnicity: Reporting Jurisdictions in California, 2004

Reporting Jurisdiction	Total Cases	Race/Ethnicity							
		White Not Hispanic	Black Not Hispanic	Hispanic	Asian	Amer Indian/Alaska Native	Nat Hawaiian/Pacific Islander	Multi-race*	Unknown
California	2,989	293	223	1,173	1,267	6	15	7	5
Alameda	144	13	14	22	94	-	-	-	1
Contra Costa	64	17	16	9	22	-	-	-	-
Fresno	102	9	5	62	26	-	-	-	-
Imperial	31	2	-	28	1	-	-	-	-
Kern	36	4	-	23	9	-	-	-	-
Long Beach	54	2	2	13	35	-	1	1	-
Los Angeles	930	69	100	423	332	-	4	1	1
Madera	5	-	-	5	-	-	-	-	-
Marin	13	4	1	3	5	-	-	-	-
Merced	8	1	2	3	2	-	-	-	-
Monterey	29	4	1	16	8	-	-	-	-
Napa	7	-	-	6	1	-	-	-	-
Orange	224	20	4	64	133	-	2	1	-
Pasadena	12	1	2	6	3	-	-	-	-
Riverside	75	14	2	41	18	-	-	-	-
Sacramento	161	29	25	27	78	-	1	1	-
San Bernardino	67	5	7	31	22	1	1	-	-
San Diego	320	25	16	177	99	2	-	-	1
San Francisco	135	12	7	21	95	-	-	-	-
San Joaquin	65	3	3	15	43	1	-	-	-
San Mateo	56	7	1	23	24	-	1	-	-
Santa Barbara	18	5	-	11	2	-	-	-	-
Santa Clara	203	11	5	39	145	-	2	-	1
Santa Cruz	9	-	-	8	1	-	-	-	-
Solano	42	4	2	11	21	-	1	2	1
Sonoma	20	4	-	8	8	-	-	-	-
Stanislaus	19	3	2	3	10	1	-	-	-
Tulare	21	-	-	18	3	-	-	-	-
Ventura	72	7	3	44	15	-	2	1	-
Yolo	5	3	-	-	2	-	-	-	-
Yuba	7	3	-	1	3	-	-	-	-
All Other Jurisdictions**	35	12	3	12	7	1	-	-	-

*Two or more races reported.

-Indicates zero cases.

**Reporting jurisdictions with fewer than 5 cases.

Tuberculosis Control Branch, California Department of Health Services

Table 18. Tuberculosis Cases by U.S.-born and Foreign-born Persons: Reporting Jurisdictions in California, 2004

Reporting Jurisdiction	All Cases	U.S.-born		Foreign-born		Unknown	
		No.	%	No.	%	No.	%
California	2,989	710	23.8	2,266	75.8	13	0.4
Alameda	144	25	17.4	118	81.9	1	0.7
Contra Costa	64	24	37.5	40	62.5	-	-
Fresno	102	30	29.4	70	68.6	2	2.0
Imperial	31	11	35.5	20	64.5	-	-
Kern	36	10	27.8	26	72.2	-	-
Long Beach	54	7	13.0	47	87.0	-	-
Los Angeles	930	216	23.2	711	76.5	3	0.3
Madera	5	3	60.0	2	40.0	-	-
Marin	13	5	38.5	8	61.5	-	-
Merced	8	4	50.0	4	50.0	-	-
Monterey	29	12	41.4	17	58.6	-	-
Napa	7	1	14.3	6	85.7	-	-
Orange	224	30	13.4	192	85.7	2	0.9
Pasadena	12	3	25.0	9	75.0	-	-
Riverside	75	23	30.7	52	69.3	-	-
Sacramento	161	44	27.3	114	70.8	3	1.9
San Bernardino	67	24	35.8	43	64.2	-	-
San Diego	320	89	27.8	231	72.2	-	-
San Francisco	135	30	22.2	105	77.8	-	-
San Joaquin	65	14	21.5	51	78.5	-	-
San Mateo	56	7	12.5	49	87.5	-	-
Santa Barbara	18	6	33.3	12	66.7	-	-
Santa Clara	203	19	9.4	184	90.6	-	-
Santa Cruz	9	2	22.2	7	77.8	-	-
Solano	42	9	21.4	32	76.2	1	2.4
Sonoma	20	5	25.0	15	75.0	-	-
Stanislaus	19	8	42.1	11	57.9	-	-
Tulare	21	9	42.9	11	52.4	1	4.8
Ventura	72	17	23.6	55	76.4	-	-
Yolo	5	1	20.0	4	80.0	-	-
Yuba	7	4	57.1	3	42.9	-	-
All Other Jurisdictions*	35	18	51.4	17	48.6	-	-

-Indicates zero cases or zero percent.

*Reporting jurisdictions with fewer than 5 cases.

Tuberculosis Control Branch, California Department of Health Services

Table 19. Tuberculosis Cases in Foreign-born Persons by Time in the United States: Reporting Jurisdictions in California, 2004

Reporting Jurisdiction	Total Foreign-born Cases	≤1 year		1-2 years		3-5 years		6-10 years		11-20 years		>20 years		Unknown Time in U.S.	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
California	2,266	476	21.0	98	4.3	254	11.2	266	11.7	492	21.7	618	27.3	62	2.7
Alameda	118	21	17.8	8	6.8	17	14.4	16	13.6	25	21.2	26	22.0	5	4.2
Contra Costa	40	4	10.0	2	5.0	5	12.5	7	17.5	13	32.5	9	22.5	-	-
Fresno	70	19	27.1	4	5.7	13	18.6	7	10.0	10	14.3	13	18.6	4	5.7
Imperial	20	3	15.0	1	5.0	-	-	1	5.0	1	5.0	14	70.0	-	-
Kern	26	5	19.2	-	-	1	3.8	3	11.5	5	19.2	11	42.3	1	3.8
Long Beach	47	12	25.5	-	-	5	10.6	3	6.4	12	25.5	4	8.5	11	23.4
Los Angeles	711	123	17.3	31	4.4	84	11.8	77	10.8	161	22.6	208	29.3	27	3.8
Madera	2	-	-	-	-	-	-	1	50.0	-	-	1	50.0	-	-
Marin	8	2	25.0	1	12.5	1	12.5	2	25.0	1	12.5	1	12.5	-	-
Merced	4	-	-	1	25.0	-	-	1	25.0	1	25.0	1	25.0	-	-
Monterey	17	1	5.9	-	-	3	17.6	2	11.8	3	17.6	7	41.2	1	5.9
Napa	6	-	-	-	-	-	-	1	16.7	3	50.0	2	33.3	-	-
Orange	192	41	21.4	9	4.7	18	9.4	26	13.5	54	28.1	41	21.4	3	1.6
Pasadena	9	1	11.1	1	11.1	-	-	1	11.1	3	33.3	3	33.3	-	-
Riverside	52	6	11.5	1	1.9	10	19.2	8	15.4	7	13.5	20	38.5	-	-
Sacramento	114	56	49.1	6	5.3	13	11.4	7	6.1	13	11.4	18	15.8	1	0.9
San Bernardino	43	6	14.0	-	-	5	11.6	8	18.6	12	27.9	11	25.6	1	2.3
San Diego	231	64	27.7	5	2.2	27	11.7	18	7.8	51	22.1	66	28.6	-	-
San Francisco	105	17	16.2	6	5.7	8	7.6	14	13.3	24	22.9	36	34.3	-	-
San Joaquin	51	13	25.5	-	-	2	3.9	4	7.8	8	15.7	24	47.1	-	-
San Mateo	49	9	18.4	4	8.2	3	6.1	8	16.3	11	22.4	14	28.6	-	-
Santa Barbara	12	2	16.7	1	8.3	2	16.7	2	16.7	2	16.7	3	25.0	-	-
Santa Clara	184	27	14.7	9	4.9	23	12.5	32	17.4	43	23.4	47	25.5	3	1.6
Santa Cruz	7	1	14.3	-	-	2	28.6	-	-	2	28.6	2	28.6	-	-
Solano	32	12	37.5	3	9.4	-	-	3	9.4	6	18.8	8	25.0	-	-
Sonoma	15	3	20.0	-	-	2	13.3	2	13.3	3	20.0	1	6.7	4	26.7
Stanislaus	11	7	63.6	-	-	-	-	1	9.1	1	9.1	2	18.2	-	-
Tulare	11	3	27.3	-	-	1	9.1	1	9.1	4	36.4	2	18.2	-	-
Ventura	55	13	23.6	4	7.3	5	9.1	5	9.1	10	18.2	18	32.7	-	-
Yolo	4	-	-	1	25.0	1	25.0	1	25.0	-	-	1	25.0	-	-
Yuba	3	1	33.3	-	-	-	-	-	-	1	33.3	-	-	1	33.3
All Other Jurisdictions*	17	4	23.5	-	-	3	17.6	4	23.5	2	11.8	4	23.5	-	-

-Indicates zero cases or zero percent.

*Reporting jurisdictions with fewer than 5 total cases.

Table 20. Tuberculosis Cases by Form of Disease: Reporting Jurisdictions in California, 2004

Reporting Jurisdiction	Total Cases	Pulmonary*		Extrapulmonary**		Both Pulmonary and Extrapulmonary Disease	
		No.	%	No.	%	No.	%
California	2,989	2,179	72.9	611	20.4	199	6.7
Alameda	144	110	76.4	31	21.5	3	2.1
Alpine	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-
Berkeley	4	4	100.0	-	-	-	-
Butte	4	3	75.0	1	25.0	-	-
Calaveras	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-
Contra Costa	64	43	67.2	14	21.9	7	10.9
Del Norte	-	-	-	-	-	-	-
El Dorado	3	2	66.7	-	-	1	33.3
Fresno	102	69	67.6	27	26.5	6	5.9
Glenn	-	-	-	-	-	-	-
Humboldt	4	3	75.0	1	25.0	-	-
Imperial	31	23	74.2	6	19.4	2	6.5
Inyo	-	-	-	-	-	-	-
Kern	36	30	83.3	5	13.9	1	2.8
Kings	3	3	100.0	-	-	-	-
Lake	3	1	33.3	2	66.7	-	-
Lassen	-	-	-	-	-	-	-
Long Beach	54	41	75.9	10	18.5	3	5.6
Los Angeles	930	668	71.8	201	21.6	61	6.6
Madera	5	5	100.0	-	-	-	-
Marin	13	11	84.6	1	7.7	1	7.7
Mariposa	-	-	-	-	-	-	-
Mendocino	1	-	-	-	-	1	100.0
Merced	8	7	87.5	1	12.5	-	-
Modoc	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-
Monterey	29	16	55.2	9	31.0	4	13.8
Napa	7	6	85.7	1	14.3	-	-
Nevada	1	1	100.0	-	-	-	-
Orange	224	144	64.3	63	28.1	17	7.6
Pasadena	12	11	91.7	1	8.3	-	-
Placer	2	1	50.0	1	50.0	-	-
Plumas	-	-	-	-	-	-	-
Riverside	75	64	85.3	10	13.3	1	1.3
Sacramento	161	139	86.3	18	11.2	4	2.5
San Benito	2	2	100.0	-	-	-	-
San Bernardino	67	51	76.1	13	19.4	3	4.5
San Diego	320	217	67.8	60	18.8	43	13.4
San Francisco	135	101	74.8	23	17.0	11	8.1
San Joaquin	65	54	83.1	6	9.2	5	7.7
San Luis Obispo	2	-	-	2	100.0	-	-
San Mateo	56	32	57.1	24	42.9	-	-
Santa Barbara	18	16	88.9	2	11.1	-	-
Santa Clara	203	144	70.9	46	22.7	13	6.4
Santa Cruz	9	6	66.7	3	33.3	-	-
Shasta	4	2	50.0	2	50.0	-	-
Sierra	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-
Solano	42	31	73.8	8	19.0	3	7.1
Sonoma	20	15	75.0	5	25.0	-	-
Stanislaus	19	15	78.9	3	15.8	1	5.3
Sutter	-	-	-	-	-	-	-
Tehama	1	1	100.0	-	-	-	-
Trinity	-	-	-	-	-	-	-
Tulare	21	18	85.7	2	9.5	1	4.8
Tuolumne	1	1	100.0	-	-	-	-
Ventura	72	59	81.9	7	9.7	6	8.3
Yolo	5	3	60.0	1	20.0	1	20.0
Yuba	7	6	85.7	1	14.3	-	-

*Includes cases with pulmonary listed as major site of disease and no additional site of disease.

**Includes cases with pleural, lymphatic, bone and/or joint, meningeal, miliary, peritoneal, or other site listed as major site of disease. No cases with pulmonary listed as either major or additional site of disease are included.

- Indicates zero cases or zero percent.

Table 21. Tuberculosis Cases by Verification Criteria: Reporting Jurisdictions in California, 2004

Reporting Jurisdiction	Total Cases	Positive Culture		Positive Smear		Clinical Case		Provider Diagnosis	
		No.	%	No.	%	No.	%	No.	%
California	2,989	2,311	77.3	10	0.3	417	14.0	251	8.4
Alameda	144	114	79.2	-	-	23	16.0	7	4.9
Alpine	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-
Berkeley	4	3	75.0	-	-	-	-	1	25.0
Butte	4	2	50.0	-	-	1	25.0	1	25.0
Calaveras	-	-	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-
Contra Costa	64	44	68.8	-	-	6	9.4	14	21.9
Del Norte	-	-	-	-	-	-	-	-	-
El Dorado	3	3	100.0	-	-	-	-	-	-
Fresno	102	48	47.1	1	1.0	28	27.5	25	24.5
Glenn	-	-	-	-	-	-	-	-	-
Humboldt	4	3	75.0	-	-	1	25.0	-	-
Imperial	31	27	87.1	-	-	3	9.7	1	3.2
Inyo	-	-	-	-	-	-	-	-	-
Kern	36	28	77.8	-	-	5	13.9	3	8.3
Kings	3	3	100.0	-	-	-	-	-	-
Lake	3	3	100.0	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-	-	-
Long Beach	54	41	75.9	-	-	12	22.2	1	1.9
Los Angeles	930	748	80.4	-	-	134	14.4	48	5.2
Madera	5	3	60.0	-	-	1	20.0	1	20.0
Marin	13	7	53.8	-	-	2	15.4	4	30.8
Mariposa	-	-	-	-	-	-	-	-	-
Mendocino	1	-	-	-	-	-	-	1	100.0
Merced	8	6	75.0	-	-	1	12.5	1	12.5
Modoc	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-
Monterey	29	20	69.0	-	-	4	13.8	5	17.2
Napa	7	4	57.1	-	-	2	28.6	1	14.3
Nevada	1	1	100.0	-	-	-	-	-	-
Orange	224	202	90.2	1	0.4	14	6.3	7	3.1
Pasadena	12	7	58.3	-	-	-	-	5	41.7
Placer	2	1	50.0	-	-	1	50.0	-	-
Plumas	-	-	-	-	-	-	-	-	-
Riverside	75	59	78.7	2	2.7	5	6.7	9	12.0
Sacramento	161	77	47.8	-	-	48	29.8	36	22.4
San Benito	2	2	100.0	-	-	-	-	-	-
San Bernardino	67	59	88.1	-	-	4	6.0	4	6.0
San Diego	320	271	84.7	-	-	30	9.4	19	5.9
San Francisco	135	114	84.4	-	-	16	11.9	5	3.7
San Joaquin	65	46	70.8	-	-	19	29.2	-	-
San Luis Obispo	2	2	100.0	-	-	-	-	-	-
San Mateo	56	39	69.6	2	3.6	6	10.7	9	16.1
Santa Barbara	18	15	83.3	-	-	1	5.6	2	11.1
Santa Clara	203	171	84.2	1	0.5	19	9.4	12	5.9
Santa Cruz	9	8	88.9	-	-	1	11.1	-	-
Shasta	4	2	50.0	1	25.0	1	25.0	-	-
Sierra	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-
Solano	42	26	61.9	1	2.4	9	21.4	6	14.3
Sonoma	20	13	65.0	-	-	6	30.0	1	5.0
Stanislaus	19	15	78.9	-	-	2	10.5	2	10.5
Sutter	-	-	-	-	-	-	-	-	-
Tehama	1	1	100.0	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-
Tulare	21	16	76.2	-	-	1	4.8	4	19.0
Tuolumne	1	1	100.0	-	-	-	-	-	-
Ventura	72	45	62.5	1	1.4	11	15.3	15	20.8
Yolo	5	4	80.0	-	-	-	-	1	20.0
Yuba	7	7	100.0	-	-	-	-	-	-

-Indicates zero cases or zero percent.

Table 22. Tuberculosis Cases by Sputum Smear Status: Reporting Jurisdictions in California, 2004

Reporting Jurisdiction	Total Pulmonary Cases	Sputum Smear Results							
		Smear Positive		Smear Negative		Smear Not Done		Unknown	
		No.	%	No.	%	No.	%	No.	%
California	2,378	1,081	45.5	1,120	47.1	175	7.4	2	0.1
Alameda	113	46	40.7	65	57.5	2	1.8	-	-
Berkeley	4	4	100.0	-	-	-	-	-	-
Butte	3	-	-	3	100.0	-	-	-	-
Contra Costa	50	22	44.0	25	50.0	3	6.0	-	-
El Dorado	3	3	100.0	-	-	-	-	-	-
Fresno	75	28	37.3	25	33.3	21	28.0	1	1.3
Humboldt	3	1	33.3	2	66.7	-	-	-	-
Imperial	25	14	56.0	8	32.0	3	12.0	-	-
Kern	31	13	41.9	16	51.6	2	6.5	-	-
Kings	3	3	100.0	-	-	-	-	-	-
Lake	1	1	100.0	-	-	-	-	-	-
Long Beach	44	12	27.3	29	65.9	3	6.8	-	-
Los Angeles	729	376	51.6	312	42.8	41	5.6	-	-
Madera	5	2	40.0	1	20.0	2	40.0	-	-
Marin	12	3	25.0	9	75.0	-	-	-	-
Mendocino	1	-	-	1	100.0	-	-	-	-
Merced	7	4	57.1	2	28.6	1	14.3	-	-
Monterey	20	9	45.0	7	35.0	4	20.0	-	-
Napa	6	3	50.0	1	16.7	2	33.3	-	-
Nevada	1	-	-	-	-	1	100.0	-	-
Orange	161	104	64.6	55	34.2	2	1.2	-	-
Pasadena	11	5	45.5	6	54.5	-	-	-	-
Placer	1	-	-	1	100.0	-	-	-	-
Riverside	65	27	41.5	29	44.6	8	12.3	1	1.5
Sacramento	143	32	22.4	97	67.8	14	9.8	-	-
San Benito	2	2	100.0	-	-	-	-	-	-
San Bernardino	54	33	61.1	17	31.5	4	7.4	-	-
San Diego	260	128	49.2	116	44.6	16	6.2	-	-
San Francisco	112	36	32.1	68	60.7	8	7.1	-	-
San Joaquin	59	20	33.9	32	54.2	7	11.9	-	-
San Mateo	32	10	31.3	21	65.6	1	3.1	-	-
Santa Barbara	16	13	81.3	3	18.8	-	-	-	-
Santa Clara	157	72	45.9	74	47.1	11	7.0	-	-
Santa Cruz	6	2	33.3	4	66.7	-	-	-	-
Shasta	2	1	50.0	1	50.0	-	-	-	-
Solano	34	9	26.5	21	61.8	4	11.8	-	-
Sonoma	15	5	33.3	8	53.3	2	13.3	-	-
Stanislaus	16	5	31.3	10	62.5	1	6.3	-	-
Tehama	1	1	100.0	-	-	-	-	-	-
Tulare	19	9	47.4	4	21.1	6	31.6	-	-
Tuolumne	1	-	-	1	100.0	-	-	-	-
Ventura	65	13	20.0	46	70.8	6	9.2	-	-
Yolo	4	4	100.0	-	-	-	-	-	-
Yuba	6	6	100.0	-	-	-	-	-	-

- Indicates zero cases or zero percent.

Table 23. Tuberculosis Cases by Chest X-ray Status: Reporting Jurisdictions in California, 2004

Reporting Jurisdiction	Total Pulmonary Cases	Cases with Abnormal Chest X-ray	Type of Abnormal Finding							
			Cavitory		Non-Cavitory Consistent w/ TB		Non-Cavitory Not Consistent w/ TB		Unknown	
			No.	%	No.	%	No.	%	No.	%
California	2,378	2,312	529	22.9	1,754	75.9	27	1.2	2	0.1
Alameda	113	112	20	17.9	92	82.1	-	-	-	-
Berkeley	4	4	2	50.0	2	50.0	-	-	-	-
Butte	3	3	1	33.3	2	66.7	-	-	-	-
Contra Costa	50	49	13	26.5	35	71.4	-	-	1	2.0
EI Dorado	3	3	3	100.0	-	-	-	-	-	-
Fresno	75	74	8	10.8	66	89.2	-	-	-	-
Humboldt	3	3	1	33.3	2	66.7	-	-	-	-
Imperial	25	24	4	16.7	20	83.3	-	-	-	-
Kern	31	30	6	20.0	24	80.0	-	-	-	-
Kings	3	3	2	66.7	1	33.3	-	-	-	-
Lake	1	1	-	-	1	100.0	-	-	-	-
Long Beach	44	44	7	15.9	36	81.8	1	2.3	-	-
Los Angeles	729	707	180	25.5	526	74.4	1	0.1	-	-
Madera	5	5	-	-	5	100.0	-	-	-	-
Marin	12	12	1	8.3	11	91.7	-	-	-	-
Mendocino	1	1	-	-	1	100.0	-	-	-	-
Merced	7	7	5	71.4	2	28.6	-	-	-	-
Monterey	20	20	4	20.0	16	80.0	-	-	-	-
Napa	6	5	-	-	4	80.0	1	20.0	-	-
Nevada	1	1	-	-	1	100.0	-	-	-	-
Orange	161	156	30	19.2	119	76.3	7	4.5	-	-
Pasadena	11	11	4	36.4	6	54.5	1	9.1	-	-
Placer	1	1	1	100.0	-	-	-	-	-	-
Riverside	65	64	8	12.5	54	84.4	2	3.1	-	-
Sacramento	143	138	29	21.0	106	76.8	3	2.2	-	-
San Benito	2	2	1	50.0	1	50.0	-	-	-	-
San Bernardino	54	52	17	32.7	33	63.5	2	3.8	-	-
San Diego	260	247	53	21.5	194	78.5	-	-	-	-
San Francisco	112	110	23	20.9	87	79.1	-	-	-	-
San Joaquin	59	59	16	27.1	43	72.9	-	-	-	-
San Mateo	32	32	4	12.5	25	78.1	2	6.3	1	3.1
Santa Barbara	16	16	5	31.3	11	68.8	-	-	-	-
Santa Clara	157	153	38	24.8	115	75.2	-	-	-	-
Santa Cruz	6	6	3	50.0	3	50.0	-	-	-	-
Shasta	2	2	2	100.0	-	-	-	-	-	-
Solano	34	33	10	30.3	19	57.6	4	12.1	-	-
Sonoma	15	15	2	13.3	13	86.7	-	-	-	-
Stanislaus	16	16	4	25.0	10	62.5	2	12.5	-	-
Tehama	1	1	1	100.0	-	-	-	-	-	-
Tulare	19	19	4	21.1	15	78.9	-	-	-	-
Tuolumne	1	1	-	-	1	100.0	-	-	-	-
Ventura	65	61	10	16.4	50	82.0	1	1.6	-	-
Yolo	4	4	3	75.0	1	25.0	-	-	-	-
Yuba	6	5	4	80.0	1	20.0	-	-	-	-

-Indicates zero cases or zero percent.

Tuberculosis Control Branch, California Department of Health Services

Table 24. Tuberculosis Cases by Vital Status at Diagnosis and Initiation of Treatment: Reporting Jurisdictions in California, 2004

Reporting Jurisdiction	Total Cases	Dead at Diagnosis		Alive at Diagnosis		Alive and Started Treatment	
		No.	%	No.	%	No.	%
California	2,989	44	1.5	2,945	98.5	2,894	96.8
Alameda	144	2	1.4	142	98.6	136	94.4
Alpine	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-
Berkeley	4	-	-	4	100.0	4	100.0
Butte	4	1	25.0	3	75.0	3	75.0
Calaveras	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-
Contra Costa	64	-	-	64	100.0	64	100.0
Del Norte	-	-	-	-	-	-	-
El Dorado	3	-	-	3	100.0	3	100.0
Fresno	102	4	3.9	98	96.1	98	96.1
Glenn	-	-	-	-	-	-	-
Humboldt	4	-	-	4	100.0	4	100.0
Imperial	31	1	3.2	30	96.8	29	93.5
Inyo	-	-	-	-	-	-	-
Kern	36	-	-	36	100.0	36	100.0
Kings	3	-	-	3	100.0	3	100.0
Lake	3	1	33.3	2	66.7	2	66.7
Lassen	-	-	-	-	-	-	-
Long Beach	54	-	-	54	100.0	54	100.0
Los Angeles	930	8	0.9	922	99.1	888	95.5
Madera	5	-	-	5	100.0	5	100.0
Marin	13	-	-	13	100.0	13	100.0
Mariposa	-	-	-	-	-	-	-
Mendocino	1	-	-	1	100.0	1	100.0
Merced	8	1	12.5	7	87.5	7	87.5
Modoc	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-
Monterey	29	1	3.4	28	96.6	28	96.6
Napa	7	-	-	7	100.0	7	100.0
Nevada	1	-	-	1	100.0	1	100.0
Orange	224	4	1.8	220	98.2	220	98.2
Pasadena	12	-	-	12	100.0	12	100.0
Placer	2	-	-	2	100.0	2	100.0
Plumas	-	-	-	-	-	-	-
Riverside	75	3	4.0	72	96.0	72	96.0
Sacramento	161	1	0.6	160	99.4	160	99.4
San Benito	2	-	-	2	100.0	2	100.0
San Bernardino	67	-	-	67	100.0	66	98.5
San Diego	320	7	2.2	313	97.8	310	96.9
San Francisco	135	3	2.2	132	97.8	131	97.0
San Joaquin	65	2	3.1	63	96.9	63	96.9
San Luis Obispo	2	-	-	2	100.0	2	100.0
San Mateo	56	1	1.8	55	98.2	54	96.4
Santa Barbara	18	-	-	18	100.0	18	100.0
Santa Clara	203	-	-	203	100.0	202	99.5
Santa Cruz	9	-	-	9	100.0	9	100.0
Shasta	4	-	-	4	100.0	4	100.0
Sierra	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-
Solano	42	1	2.4	41	97.6	39	92.9
Sonoma	20	1	5.0	19	95.0	19	95.0
Stanislaus	19	-	-	19	100.0	18	94.7
Sutter	-	-	-	-	-	-	-
Tehama	1	-	-	1	100.0	1	100.0
Trinity	-	-	-	-	-	-	-
Tulare	21	-	-	21	100.0	21	100.0
Tuolumne	1	-	-	1	100.0	1	100.0
Ventura	72	2	2.8	70	97.2	70	97.2
Yolo	5	-	-	5	100.0	5	100.0
Yuba	7	-	-	7	100.0	7	100.0

-Indicates zero cases or zero percent.

Table 25. Deaths in Persons with Tuberculosis: Reporting Jurisdictions in California, 2002

Reporting Jurisdiction	Total Cases	Timing of Death									
		Total Deaths		Dead at Diagnosis		Died Before Starting TB Treatment		Died During TB Treatment			
		No.	%	No.	%	No.	%	No.	%	No.	%
California	3,173	256	8.1	58	1.8	-	-	198	6.2		
Alameda	199	13	6.5	-	-	-	-	13	6.5		
Alpine	-	-	-	-	-	-	-	-	-		
Amador	-	-	-	-	-	-	-	-	-		
Berkeley	11	2	18.2	1	9.1	-	-	1	9.1		
Butte	1	-	-	-	-	-	-	-	-		
Calaveras	-	-	-	-	-	-	-	-	-		
Colusa	-	-	-	-	-	-	-	-	-		
Contra Costa	69	9	13.0	2	2.9	-	-	7	10.1		
Del Norte	-	-	-	-	-	-	-	-	-		
El Dorado	3	-	-	-	-	-	-	-	-		
Fresno	99	9	9.1	2	2.0	-	-	7	7.1		
Glenn	-	-	-	-	-	-	-	-	-		
Humboldt	6	1	16.7	-	-	-	-	1	16.7		
Imperial	29	2	6.9	2	6.9	-	-	-	-		
Inyo	1	-	-	-	-	-	-	-	-		
Kern	58	3	5.2	1	1.7	-	-	2	3.4		
Kings	5	-	-	-	-	-	-	-	-		
Lake	-	-	-	-	-	-	-	-	-		
Lassen	-	-	-	-	-	-	-	-	-		
Long Beach	59	6	10.2	1	1.7	-	-	5	8.5		
Los Angeles	1,021	89	8.7	16	1.6	-	-	73	7.1		
Madera	12	-	-	-	-	-	-	-	-		
Marin	12	-	-	-	-	-	-	-	-		
Mariposa	-	-	-	-	-	-	-	-	-		
Mendocino	7	1	14.3	-	-	-	-	1	14.3		
Merced	17	2	11.8	-	-	-	-	2	11.8		
Modoc	-	-	-	-	-	-	-	-	-		
Mono	-	-	-	-	-	-	-	-	-		
Monterey	24	2	8.3	-	-	-	-	2	8.3		
Napa	7	-	-	-	-	-	-	-	-		
Nevada	-	-	-	-	-	-	-	-	-		
Orange	230	17	7.4	4	1.7	-	-	13	5.7		
Pasadena	12	-	-	-	-	-	-	-	-		
Placer	3	2	66.7	-	-	-	-	2	66.7		
Plumas	-	-	-	-	-	-	-	-	-		
Riverside	68	7	10.3	3	4.4	-	-	4	5.9		
Sacramento	104	5	4.8	2	1.9	-	-	3	2.9		
San Benito	3	-	-	-	-	-	-	-	-		
San Bernardino	63	8	12.7	4	6.3	-	-	4	6.3		
San Diego	326	27	8.3	9	2.8	-	-	18	5.5		
San Francisco	146	17	11.6	3	2.1	-	-	14	9.6		
San Joaquin	52	8	15.4	2	3.8	-	-	6	11.5		
San Luis Obispo	6	-	-	-	-	-	-	-	-		
San Mateo	68	2	2.9	-	-	-	-	2	2.9		
Santa Barbara	17	-	-	-	-	-	-	-	-		
Santa Clara	258	11	4.3	3	1.2	-	-	8	3.1		
Santa Cruz	6	-	-	-	-	-	-	-	-		
Shasta	5	-	-	-	-	-	-	-	-		
Sierra	-	-	-	-	-	-	-	-	-		
Siskiyou	-	-	-	-	-	-	-	-	-		
Solano	26	-	-	-	-	-	-	-	-		
Sonoma	17	-	-	-	-	-	-	-	-		
Stanislaus	21	6	28.6	1	4.8	-	-	5	23.8		
Sutter	7	2	28.6	-	-	-	-	2	28.6		
Tehama	-	-	-	-	-	-	-	-	-		
Trinity	-	-	-	-	-	-	-	-	-		
Tulare	19	1	5.3	-	-	-	-	1	5.3		
Tuolumne	-	-	-	-	-	-	-	-	-		
Ventura	66	3	4.5	1	1.5	-	-	2	3.0		
Yolo	4	1	25.0	1	25.0	-	-	-	-		
Yuba	6	-	-	-	-	-	-	-	-		

-Indicates zero cases or zero percent.

Table 26. Tuberculosis Cases by Initial Drug Regimen: Reporting Jurisdictions in California, 2004

Reporting Jurisdiction	Cases Alive at Diagnosis	Cases Started on Initial Drug Regimen		Initial Drug Regimen* (%)				
		No.	%	IR	IRZ	IRE	IRZ,E/S	Other
California	2,945	2,894	98.3	1.1	3.1	1.9	89.0	4.9
Alameda	142	136	95.8	-	0.7	0.7	97.8	0.7
Alpine	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-
Berkeley	4	4	100.0	-	-	-	100.0	-
Butte	3	3	100.0	-	-	-	100.0	-
Calaveras	-	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-	-
Contra Costa	64	64	100.0	-	1.6	-	98.4	-
Del Norte	-	-	-	-	-	-	-	-
El Dorado	3	3	100.0	-	-	-	100.0	-
Fresno	98	98	100.0	-	-	-	96.9	3.1
Glenn	-	-	-	-	-	-	-	-
Humboldt	4	4	100.0	-	-	-	100.0	-
Imperial	30	29	96.7	3.4	-	3.4	89.7	3.4
Inyo	-	-	-	-	-	-	-	-
Kern	36	36	100.0	-	5.6	2.8	91.7	-
Kings	3	3	100.0	-	-	-	100.0	-
Lake	2	2	100.0	-	-	-	100.0	-
Lassen	-	-	-	-	-	-	-	-
Long Beach	54	54	100.0	11.1	9.3	5.6	70.4	3.7
Los Angeles	922	888	96.3	1.4	3.2	1.9	89.9	3.7
Madera	5	5	100.0	40.0	-	-	60.0	-
Marin	13	13	100.0	-	-	-	92.3	7.7
Mariposa	-	-	-	-	-	-	-	-
Mendocino	1	1	100.0	-	-	-	100.0	-
Merced	7	7	100.0	-	-	-	85.7	14.3
Modoc	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-
Monterey	28	28	100.0	-	10.7	-	85.7	3.6
Napa	7	7	100.0	-	-	-	100.0	-
Nevada	1	1	100.0	-	-	-	100.0	-
Orange	220	220	100.0	-	2.3	1.4	89.1	7.3
Pasadena	12	12	100.0	8.3	-	-	91.7	-
Placer	2	2	100.0	-	-	-	100.0	-
Plumas	-	-	-	-	-	-	-	-
Riverside	72	72	100.0	2.8	5.6	1.4	88.9	1.4
Sacramento	160	160	100.0	-	1.3	1.9	95.0	1.9
San Benito	2	2	100.0	-	-	-	100.0	-
San Bernardino	67	66	98.5	1.5	4.5	3.0	89.4	1.5
San Diego	313	310	99.0	1.0	5.8	3.2	78.1	11.9
San Francisco	132	131	99.2	-	1.5	1.5	93.1	3.8
San Joaquin	63	63	100.0	1.6	3.2	1.6	90.5	3.2
San Luis Obispo	2	2	100.0	-	50.0	-	50.0	-
San Mateo	55	54	98.2	-	1.9	1.9	94.4	1.9
Santa Barbara	18	18	100.0	5.6	-	-	94.4	-
Santa Clara	203	202	99.5	-	1.0	2.0	95.0	2.0
Santa Cruz	9	9	100.0	-	-	-	77.8	22.2
Shasta	4	4	100.0	-	-	-	75.0	25.0
Sierra	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-
Solano	41	39	95.1	2.6	7.7	-	74.4	15.4
Sonoma	19	19	100.0	5.3	5.3	5.3	73.7	10.5
Stanislaus	19	18	94.7	5.6	11.1	5.6	77.8	-
Sutter	-	-	-	-	-	-	-	-
Tehama	1	1	100.0	-	-	-	100.0	-
Trinity	-	-	-	-	-	-	-	-
Tulare	21	21	100.0	-	-	4.8	66.7	28.6
Tuolumne	1	1	100.0	-	100.0	-	-	-
Ventura	70	70	100.0	-	4.3	1.4	82.9	11.4
Yolo	5	5	100.0	-	-	-	100.0	-
Yuba	7	7	100.0	-	-	-	57.1	42.9

* I=isoniazid; R=rifampin; Z=pyrazinamide; E=ethambutol; E/S=ethambutol or streptomycin; Other=all other combinations.

-Indicates zero cases or zero percent.

Table 27. Tuberculosis Cases by Type of Health Care Provider: Reporting Jurisdictions in California, 2002

Reporting Jurisdiction	Total Cases	Cases w/ Initial Drug Regimen Prescribed	Cases w/ Information on Type of Health Care Provider		Type of Health Care Provider					
			No.	%	Health Department Only		Private/Other Only		Both Health Dept. and Private/Other	
California	3,173	3,079	3,032	98.5	1,660	54.7	915	30.2	457	15.1
Alameda	199	194	188	96.9	3	1.6	185	98.4	-	-
Alpine	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-
Berkeley	11	10	10	100.0	3	30.0	5	50.0	2	20.0
Butte	1	1	1	100.0	-	-	-	-	1	100.0
Calaveras	-	-	-	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-	-
Contra Costa	69	67	67	100.0	34	50.7	24	35.8	9	13.4
Del Norte	-	-	-	-	-	-	-	-	-	-
El Dorado	3	3	3	100.0	-	-	-	-	3	100.0
Fresno	99	97	96	99.0	82	85.4	9	9.4	5	5.2
Glenn	-	-	-	-	-	-	-	-	-	-
Humboldt	6	6	6	100.0	-	-	1	16.7	5	83.3
Imperial	29	25	25	100.0	20	80.0	4	16.0	1	4.0
Inyo	1	1	1	100.0	-	-	-	-	1	100.0
Kern	58	55	53	96.4	14	26.4	32	60.4	7	13.2
Kings	5	5	5	100.0	4	80.0	1	20.0	-	-
Lake	-	-	-	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-	-	-	-
Long Beach	59	58	58	100.0	48	82.8	6	10.3	4	6.9
Los Angeles	1,021	985	964	97.9	560	58.1	172	17.8	232	24.1
Madera	12	12	11	91.7	7	63.6	3	27.3	1	9.1
Marin	12	12	12	100.0	5	41.7	2	16.7	5	41.7
Mariposa	-	-	-	-	-	-	-	-	-	-
Mendocino	7	7	7	100.0	6	85.7	-	-	1	14.3
Merced	17	17	16	94.1	13	81.3	1	6.3	2	12.5
Modoc	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-
Monterey	24	23	23	100.0	10	43.5	6	26.1	7	30.4
Napa	7	7	7	100.0	-	-	5	71.4	2	28.6
Nevada	-	-	-	-	-	-	-	-	-	-
Orange	230	226	224	99.1	180	80.4	23	10.3	21	9.4
Pasadena	12	12	12	100.0	8	66.7	4	33.3	-	-
Placer	3	3	3	100.0	-	-	2	66.7	1	33.3
Plumas	-	-	-	-	-	-	-	-	-	-
Riverside	68	65	64	98.5	42	65.6	10	15.6	12	18.8
Sacramento	104	101	101	100.0	83	82.2	13	12.9	5	5.0
San Benito	3	3	3	100.0	1	33.3	1	33.3	1	33.3
San Bernardino	63	59	56	94.9	16	28.6	14	25.0	26	46.4
San Diego	326	314	314	100.0	105	33.4	181	57.6	28	8.9
San Francisco	146	143	143	100.0	120	83.9	19	13.3	4	2.8
San Joaquin	52	50	45	90.0	18	40.0	17	37.8	10	22.2
San Luis Obispo	6	6	6	100.0	3	50.0	1	16.7	2	33.3
San Mateo	68	68	68	100.0	32	47.1	31	45.6	5	7.4
Santa Barbara	17	17	16	94.1	10	62.5	-	-	6	37.5
Santa Clara	258	253	252	99.6	120	47.6	115	45.6	17	6.7
Santa Cruz	6	6	6	100.0	1	16.7	3	50.0	2	33.3
Shasta	5	5	5	100.0	2	40.0	-	-	3	60.0
Sierra	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-	-
Solano	26	26	25	96.2	13	52.0	4	16.0	8	32.0
Sonoma	17	17	17	100.0	10	58.8	4	23.5	3	17.6
Stanislaus	21	20	20	100.0	10	50.0	7	35.0	3	15.0
Sutter	7	7	6	85.7	-	-	3	50.0	3	50.0
Tehama	-	-	-	-	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-	-
Tulare	19	19	19	100.0	17	89.5	1	5.3	1	5.3
Tuolumne	-	-	-	-	-	-	-	-	-	-
Ventura	66	65	65	100.0	55	84.6	3	4.6	7	10.8
Yolo	4	3	3	100.0	-	-	2	66.7	1	33.3
Yuba	6	6	6	100.0	5	83.3	1	16.7	-	-

-Indicates zero cases or zero percent.

Table 28. Tuberculosis Cases by Type of Therapy Administration: Reporting Jurisdictions in California, 2002

Reporting Jurisdiction	Total Cases	Cases w/ Initial Drug Regimen Prescribed	Cases w/ Information on Type of Therapy Administration		Type of Therapy Administration*					
			No.	%	SAT Only		DOT Only		DOT and SAT	
California	3,173	3,079	3,005	97.6	587	19.5	1,949	64.9	469	15.6
Alameda	199	194	187	96.4	72	38.5	73	39.0	42	22.5
Alpine	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-
Berkeley	11	10	10	100.0	4	40.0	4	40.0	2	20.0
Butte	1	1	1	100.0	-	-	-	-	1	100.0
Calaveras	-	-	-	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-	-
Contra Costa	69	67	65	97.0	14	21.5	46	70.8	5	7.7
Del Norte	-	-	-	-	-	-	-	-	-	-
El Dorado	3	3	3	100.0	-	-	1	33.3	2	66.7
Fresno	99	97	95	97.9	10	10.5	42	44.2	43	45.3
Glenn	-	-	-	-	-	-	-	-	-	-
Humboldt	6	6	6	100.0	2	33.3	1	16.7	3	50.0
Imperial	29	25	25	100.0	-	-	18	72.0	7	28.0
Inyo	1	1	1	100.0	1	100.0	-	-	-	-
Kern	58	55	51	92.7	6	11.8	16	31.4	29	56.9
Kings	5	5	5	100.0	1	20.0	1	20.0	3	60.0
Lake	-	-	-	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-	-	-	-
Long Beach	59	58	58	100.0	26	44.8	28	48.3	4	6.9
Los Angeles	1,021	985	951	96.5	162	17.0	789	83.0	-	-
Madera	12	12	11	91.7	-	-	6	54.5	5	45.5
Marin	12	12	12	100.0	4	33.3	3	25.0	5	41.7
Mariposa	-	-	-	-	-	-	-	-	-	-
Mendocino	7	7	6	85.7	-	-	6	100.0	-	-
Merced	17	17	15	88.2	-	-	5	33.3	10	66.7
Modoc	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-
Monterey	24	23	23	100.0	-	-	13	56.5	10	43.5
Napa	7	7	7	100.0	7	100.0	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-
Orange	230	226	223	98.7	2	0.9	217	97.3	4	1.8
Pasadena	12	12	12	100.0	5	41.7	7	58.3	-	-
Placer	3	3	3	100.0	1	33.3	2	66.7	-	-
Plumas	-	-	-	-	-	-	-	-	-	-
Riverside	68	65	65	100.0	12	18.5	45	69.2	8	12.3
Sacramento	104	101	101	100.0	10	9.9	87	86.1	4	4.0
San Benito	3	3	3	100.0	-	-	3	100.0	-	-
San Bernardino	63	59	55	93.2	13	23.6	4	7.3	38	69.1
San Diego	326	314	310	98.7	42	13.5	206	66.5	62	20.0
San Francisco	146	143	143	100.0	42	29.4	87	60.8	14	9.8
San Joaquin	52	50	45	90.0	1	2.2	30	66.7	14	31.1
San Luis Obispo	6	6	6	100.0	-	-	1	16.7	5	83.3
San Mateo	68	68	68	100.0	14	20.6	15	22.1	39	57.4
Santa Barbara	17	17	16	94.1	-	-	12	75.0	4	25.0
Santa Clara	258	253	250	98.8	79	31.6	131	52.4	40	16.0
Santa Cruz	6	6	6	100.0	2	33.3	1	16.7	3	50.0
Shasta	5	5	5	100.0	2	40.0	2	40.0	1	20.0
Sierra	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-	-
Solano	26	26	26	100.0	5	19.2	1	3.8	20	76.9
Sonoma	17	17	17	100.0	3	17.6	1	5.9	13	76.5
Stanislaus	21	20	20	100.0	3	15.0	10	50.0	7	35.0
Sutter	7	7	6	85.7	-	-	5	83.3	1	16.7
Tehama	-	-	-	-	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-	-
Tulare	19	19	19	100.0	1	5.3	3	15.8	15	78.9
Tuolumne	-	-	-	-	-	-	-	-	-	-
Ventura	66	65	65	100.0	38	58.5	25	38.5	2	3.1
Yolo	4	3	3	100.0	2	66.7	-	-	1	33.3
Yuba	6	6	6	100.0	1	16.7	2	33.3	3	50.0

* SAT=self administered therapy; DOT=directly observed therapy.

-Indicates zero cases or zero percent.

Table 29. Tuberculosis Cases by AIDS Diagnosis (Dx)*: Reporting Jurisdictions in California, 1997-2003

	1997			1998			1999			2000			2001			2002			2003			
	Total Cases	AIDS Dx No.	AIDS Dx %	Total Cases	AIDS Dx No.	AIDS Dx %	Total Cases	AIDS Dx No.	AIDS Dx %	Total Cases	AIDS Dx No.	AIDS Dx %	Total Cases	AIDS Dx No.	AIDS Dx %	Total Cases	AIDS Dx No.	AIDS Dx %	Total Cases	AIDS Dx No.	AIDS Dx %	
California	4,045	266	6.6	3,850	227	5.9	3,605	220	6.1	3,288	147	4.5	3,329	149	4.5	3,173	165	5.2	3,220	183	5.7	
Alameda	192	6	3.1	223	12	5.4	224	7	3.1	241	9	3.7	196	6	3.1	199	4	2.0	175	5	2.9	
Contra Costa	105	7	6.7	102	3	2.9	97	2	2.1	78	3	3.8	105	7	6.7	69	3	4.3	82	3	3.7	
Fresno	92	7	7.6	115	4	3.5	100	10	10.0	91	3	3.3	97	4	4.1	99	4	4.0	115	4	3.5	
Imperial	39	1	2.6	39	-	-	38	-	-	26	-	-	25	-	-	29	-	-	25	2	8.0	
Kern	63	4	6.3	48	2	4.2	62	5	8.1	49	2	4.1	52	2	3.8	58	2	3.4	47	3	6.4	
Long Beach	99	4	4.0	57	2	3.5	88	8	9.1	63	3	4.8	50	4	8.0	59	3	5.1	65	2	3.1	
Los Angeles	1,346	120	8.9	1,293	111	8.6	1,167	86	7.4	1,059	60	5.7	1,042	54	5.2	1,021	64	6.3	945	66	7.0	
Madera	10	-	-	6	-	-	8	-	-	14	-	-	11	-	-	12	-	-	14	1	7.1	
Marin	12	1	8.3	20	1	5.0	10	1	10.0	11	2	18.2	15	1	6.7	12	1	8.3	17	-	-	
Merced	11	-	-	8	-	-	11	1	9.1	10	1	10.0	15	1	6.7	17	-	-	16	-	-	
Monterey	45	1	2.2	48	1	2.1	48	3	6.3	39	-	-	38	1	2.6	24	-	-	54	1	1.9	
Orange	330	16	4.8	298	11	3.7	246	10	4.1	246	14	5.7	278	6	2.2	230	3	1.3	248	7	2.8	
Pasadena	11	1	9.1	19	-	-	8	1	12.5	13	-	-	17	-	-	12	1	8.3	12	-	-	
Riverside	66	9	13.6	74	2	2.7	79	6	7.6	70	3	4.3	66	3	4.5	68	3	4.4	75	1	1.3	
34	Sacramento	141	4	2.8	112	4	3.6	95	3	3.2	118	-	-	130	4	3.1	104	-	-	152	5	3.3
	San Bernardino	128	10	7.8	100	6	6.0	113	7	6.2	102	6	5.9	83	2	2.4	63	-	-	67	6	9.0
	San Diego	332	25	7.5	342	31	9.1	299	24	8.0	295	14	4.7	331	25	7.6	326	31	9.5	316	40	12.7
	San Francisco	241	24	10.0	207	18	8.7	235	25	10.6	170	9	5.3	182	13	7.1	146	28	19.2	162	15	9.3
	San Joaquin	64	4	6.3	65	4	6.2	74	3	4.1	72	4	5.6	51	4	7.8	52	3	5.8	69	8	11.6
	San Luis Obispo	9	-	-	16	1	6.3	6	-	-	9	-	-	11	-	-	6	-	-	8	-	-
	San Mateo	85	2	2.4	80	3	3.8	63	2	3.2	46	-	-	77	2	2.6	68	-	-	52	1	1.9
	Santa Barbara	37	1	2.7	30	1	3.3	26	1	3.8	22	1	4.5	26	-	-	17	3	17.6	37	-	-
	Santa Clara	258	6	2.3	252	3	1.2	244	4	1.6	234	5	2.1	214	3	1.4	258	6	2.3	226	3	1.3
	Solano	45	1	2.2	51	-	-	32	1	3.1	27	-	-	35	1	2.9	26	1	3.8	29	1	3.4
	Sonoma	12	-	-	16	1	6.3	18	-	-	16	-	-	10	1	10.0	17	1	5.9	15	2	13.3
	Stanislaus	35	1	2.9	25	1	4.0	33	2	6.1	18	3	16.7	18	-	-	21	2	9.5	17	-	-
	Tulare	24	-	-	27	-	-	22	1	4.5	17	-	-	15	1	6.7	19	-	-	16	1	6.3
	Ventura	78	4	5.1	57	1	1.8	62	1	1.6	44	2	4.5	53	2	3.8	66	1	1.5	73	2	2.7
	All Other Jurisdictions**	135	7	5.2	120	4	3.3	97	6	6.2	88	3	3.4	86	2	2.3	75	1	1.3	91	4	4.4

* Match found in AIDS Case Registry, California Office of AIDS.

** Reporting jurisdictions with fewer than 5 cases in any year (1997-2003)

- Indicates zero cases or zero percent.

Table 30. Tuberculosis Cases Among Residents of Correctional Facilities*: Reporting Jurisdictions in California, 2004

Reporting Jurisdiction	Total Cases	Cases with Information on Residence in a Correctional Facility		Cases Diagnosed in Correctional Facility		Type of Correctional Facility									
		No.	%	No.	%	Federal Prison		State Prison		Local Jail		Juvenile Facility		Other/Unknown	
California	2,989	2,984	99.8	99	3.3	16	16.2	17	17.2	46	46.5	-	-	20	20.2
Alameda	144	143	99.3	-	-	-	-	-	-	-	-	-	-	-	
Contra Costa	64	64	100.0	1	1.6	-	-	-	-	1	100.0	-	-	-	
Fresno	102	101	99.0	2	2.0	-	-	-	-	2	100.0	-	-	-	
Imperial	31	31	100.0	3	9.7	-	-	-	-	1	33.3	-	-	2	66.7
Kern	36	36	100.0	2	5.6	-	-	2	100.0	-	-	-	-	-	
Long Beach	54	54	100.0	-	-	-	-	-	-	-	-	-	-		
Los Angeles	930	929	99.9	21	2.3	-	-	1	4.8	16	76.2	-	-	4	19.0
Madera	5	5	100.0	-	-	-	-	-	-	-	-	-	-	-	
Marin	13	13	100.0	3	23.1	1	33.3	2	66.7	-	-	-	-	-	
Merced	8	8	100.0	-	-	-	-	-	-	-	-	-	-		
Monterey	29	29	100.0	1	3.4	-	-	1	100.0	-	-	-	-	-	
Napa	7	7	100.0	-	-	-	-	-	-	-	-	-	-		
Orange	224	224	100.0	7	3.1	-	-	-	-	6	85.7	-	-	1	14.3
Pasadena	12	12	100.0	-	-	-	-	-	-	-	-	-	-		
Riverside	75	75	100.0	2	2.7	-	-	1	50.0	1	50.0	-	-	-	
Sacramento	161	161	100.0	4	2.5	-	-	1	25.0	3	75.0	-	-	-	
San Bernardino	67	67	100.0	1	1.5	-	-	1	100.0	-	-	-	-	-	
San Diego	320	320	100.0	34	10.6	15	44.1	3	8.8	4	11.8	-	-	12	35.3
San Francisco	135	135	100.0	1	0.7	-	-	-	-	1	100.0	-	-	-	
San Joaquin	65	65	100.0	1	1.5	-	-	-	-	1	100.0	-	-	-	
San Mateo	56	56	100.0	1	1.8	-	-	-	-	-	-	-	-	1	100.0
Santa Barbara	18	18	100.0	1	5.6	-	-	-	-	1	100.0	-	-	-	
Santa Clara	203	201	99.0	1	0.5	-	-	-	-	1	100.0	-	-	-	
Santa Cruz	9	9	100.0	-	-	-	-	-	-	-	-	-	-		
Solano	42	42	100.0	3	7.1	-	-	3	100.0	-	-	-	-	-	
Sonoma	20	20	100.0	-	-	-	-	-	-	-	-	-	-		
Stanislaus	19	19	100.0	-	-	-	-	-	-	-	-	-	-		
Tulare	21	21	100.0	1	4.8	-	-	-	-	1	100.0	-	-	-	
Ventura	72	72	100.0	5	6.9	-	-	-	-	5	100.0	-	-	-	
Yolo	5	5	100.0	-	-	-	-	-	-	-	-	-	-		
Yuba	7	7	100.0	1	14.3	-	-	-	-	1	100.0	-	-	-	
All Other Jurisdictions**	35	35	100.0	3	8.6	-	-	2	66.7	1	33.3	-	-	-	

*Residence in correctional facility at the time of diagnosis.

-Indicates zero cases or zero percent.

** Reporting jurisdictions with fewer than 5 cases.

Table 31. Tuberculosis Cases by Homeless Status*: Reporting Jurisdictions in California, 2004

Reporting Jurisdiction	Total Cases	Cases with Information on Homeless Status		Cases with Homeless Status	
		No.	%	No.	%
California	2,989	2,952	98.8	188	6.4
Alameda	144	144	100.0	3	2.1
Contra Costa	64	64	100.0	4	6.3
Fresno	102	100	98.0	4	4.0
Imperial	31	31	100.0	2	6.5
Kern	36	36	100.0	3	8.3
Long Beach	54	54	100.0	4	7.4
Los Angeles	930	908	97.6	64	7.0
Madera	5	5	100.0	2	40.0
Marin	13	13	100.0	3	23.1
Merced	8	8	100.0	-	-
Monterey	29	27	93.1	2	7.4
Napa	7	7	100.0	-	-
Orange	224	224	100.0	6	2.7
Pasadena	12	12	100.0	-	-
Riverside	75	75	100.0	2	2.7
Sacramento	161	161	100.0	18	11.2
San Bernardino	67	67	100.0	2	3.0
San Diego	320	313	97.8	15	4.8
San Francisco	135	135	100.0	11	8.1
San Joaquin	65	65	100.0	1	1.5
San Mateo	56	56	100.0	-	-
Santa Barbara	18	18	100.0	6	33.3
Santa Clara	203	202	99.5	8	4.0
Santa Cruz	9	9	100.0	-	-
Solano	42	41	97.6	2	4.9
Sonoma	20	20	100.0	2	10.0
Stanislaus	19	19	100.0	-	-
Tulare	21	20	95.2	1	5.0
Ventura	72	72	100.0	16	22.2
Yolo	5	5	100.0	-	-
Yuba	7	7	100.0	3	42.9
All Other Jurisdictions**	35	34	97.1	4	11.8

* Homeless within past 12 months.

- Indicates zero cases or zero percent.

** Reporting jurisdictions with fewer than 5 cases.

Table 32. Tuberculosis Cases Among Persons in Long-term Care Facilities*: Reporting Jurisdictions in California, 2004

Reporting Jurisdiction	Total Cases	Cases with Information On Residence in Long-term Care		Cases Diagnosed in a Long-term Care Facility	
		No.	%	No.	%
California	2,989	2,985	99.9	60	2.0
Alameda	144	144	100.0	4	2.8
Contra Costa	64	64	100.0	1	1.6
Fresno	102	102	100.0	1	1.0
Imperial	31	31	100.0	-	-
Kern	36	36	100.0	1	2.8
Long Beach	54	54	100.0	2	3.7
Los Angeles	930	930	100.0	21	2.3
Madera	5	5	100.0	-	-
Marin	13	13	100.0	-	-
Merced	8	8	100.0	1	12.5
Monterey	29	29	100.0	-	-
Napa	7	7	100.0	-	-
Orange	224	223	99.6	8	3.6
Pasadena	12	12	100.0	-	-
Riverside	75	75	100.0	1	1.3
Sacramento	161	161	100.0	1	0.6
San Bernardino	67	67	100.0	1	1.5
San Diego	320	320	100.0	3	0.9
San Francisco	135	135	100.0	3	2.2
San Joaquin	65	65	100.0	2	3.1
San Mateo	56	56	100.0	2	3.6
Santa Barbara	18	18	100.0	-	-
Santa Clara	203	200	98.5	3	1.5
Santa Cruz	9	9	100.0	-	-
Solano	42	42	100.0	1	2.4
Sonoma	20	20	100.0	1	5.0
Stanislaus	19	19	100.0	-	-
Tulare	21	21	100.0	-	-
Ventura	72	72	100.0	3	4.2
Yolo	5	5	100.0	-	-
Yuba	7	7	100.0	-	-
All Other Jurisdictions**	35	35	100.0	-	-

* Residence in long-term care facility at time of diagnosis.

- Indicates zero cases or zero percent.

** Reporting jurisdictions with fewer than 5 cases.

Table 33. Tuberculosis Cases Among Persons Using Injecting Drugs*: Reporting Jurisdictions in California, 2004

Reporting Jurisdiction	Total Cases	Cases with Information On Injecting Drug Use		Cases with Injecting Drug Use	
		No.	%	No.	%
California	2,989	2,912	97.4	70	2.4
Alameda	144	140	97.2	2	1.4
Contra Costa	64	63	98.4	4	6.3
Fresno	102	97	95.1	3	3.1
Imperial	31	30	96.8	5	16.7
Kern	36	36	100.0	-	-
Long Beach	54	53	98.1	-	-
Los Angeles	930	895	96.2	19	2.1
Madera	5	5	100.0	-	-
Marin	13	13	100.0	-	-
Merced	8	7	87.5	-	-
Monterey	29	26	89.7	-	-
Napa	7	7	100.0	-	-
Orange	224	220	98.2	1	0.5
Pasadena	12	12	100.0	-	-
Riverside	75	70	93.3	-	-
Sacramento	161	158	98.1	7	4.4
San Bernardino	67	67	100.0	2	3.0
San Diego	320	320	100.0	9	2.8
San Francisco	135	133	98.5	6	4.5
San Joaquin	65	65	100.0	3	4.6
San Mateo	56	56	100.0	-	-
Santa Barbara	18	18	100.0	1	5.6
Santa Clara	203	198	97.5	2	1.0
Santa Cruz	9	9	100.0	-	-
Solano	42	42	100.0	-	-
Sonoma	20	20	100.0	1	5.0
Stanislaus	19	19	100.0	-	-
Tulare	21	20	95.2	-	-
Ventura	72	72	100.0	4	5.6
Yolo	5	5	100.0	-	-
Yuba	7	6	85.7	-	-
All Other Jurisdictions**	35	30	85.7	1	3.3

*Injecting drug use within past 12 months.

- Indicates zero cases or zero percent.

** Reporting jurisdictions with fewer than 5 cases.

Table 34. Tuberculosis Cases Among Persons Using Non-injecting Drugs*: Reporting Jurisdictions in California, 2004

Reporting Jurisdiction	Total Cases	Cases with Information On Non-injecting Drug Use		Cases with Non-injecting Drug Use**	
		No.	%	No.	%
California	2,989	2,901	97.1	169	5.8
Alameda	144	140	97.2	1	0.7
Contra Costa	64	62	96.9	6	9.7
Fresno	102	93	91.2	8	8.6
Imperial	31	30	96.8	2	6.7
Kern	36	36	100.0	3	8.3
Long Beach	54	53	98.1	2	3.8
Los Angeles	930	894	96.1	56	6.3
Madera	5	5	100.0	2	40.0
Marin	13	12	92.3	2	16.7
Merced	8	8	100.0	1	12.5
Monterey	29	25	86.2	1	4.0
Napa	7	7	100.0	-	-
Orange	224	219	97.8	5	2.3
Pasadena	12	12	100.0	2	16.7
Riverside	75	70	93.3	-	-
Sacramento	161	158	98.1	17	10.8
San Bernardino	67	67	100.0	4	6.0
San Diego	320	320	100.0	20	6.3
San Francisco	135	133	98.5	9	6.8
San Joaquin	65	65	100.0	5	7.7
San Mateo	56	56	100.0	4	7.1
Santa Barbara	18	17	94.4	1	5.9
Santa Clara	203	198	97.5	4	2.0
Santa Cruz	9	9	100.0	-	-
Solano	42	41	97.6	1	2.4
Sonoma	20	20	100.0	1	5.0
Stanislaus	19	18	94.7	-	-
Tulare	21	19	90.5	1	5.3
Ventura	72	72	100.0	7	9.7
Yolo	5	5	100.0	-	-
Yuba	7	6	85.7	1	16.7
All Other Jurisdictions**	35	31	88.6	3	9.7

*Non-injecting drug use within past 12 months.

- Indicates zero cases or zero percent.

**Reporting jurisdictions with fewer than 5 cases.

Table 35. Tuberculosis Cases Among Persons Using Excess Alcohol*: Reporting Jurisdictions in California, 2004

Reporting Jurisdiction	Total Cases	Cases with Information On Excess Alcohol Use		Cases with Excess Alcohol Use	
		No.	%	No.	%
California	2,989	2,917	97.6	304	10.4
Alameda	144	141	97.9	13	9.2
Contra Costa	64	63	98.4	2	3.2
Fresno	102	96	94.1	12	12.5
Imperial	31	30	96.8	3	10.0
Kern	36	36	100.0	12	33.3
Long Beach	54	54	100.0	5	9.3
Los Angeles	930	900	96.8	86	9.6
Madera	5	5	100.0	2	40.0
Marin	13	12	92.3	2	16.7
Merced	8	7	87.5	-	-
Monterey	29	27	93.1	7	25.9
Napa	7	7	100.0	1	14.3
Orange	224	221	98.7	17	7.7
Pasadena	12	12	100.0	3	25.0
Riverside	75	72	96.0	1	1.4
Sacramento	161	158	98.1	21	13.3
San Bernardino	67	67	100.0	8	11.9
San Diego	320	320	100.0	31	9.7
San Francisco	135	133	98.5	15	11.3
San Joaquin	65	65	100.0	14	21.5
San Mateo	56	56	100.0	5	8.9
Santa Barbara	18	18	100.0	7	38.9
Santa Clara	203	199	98.0	9	4.5
Santa Cruz	9	9	100.0	-	-
Solano	42	40	95.2	1	2.5
Sonoma	20	19	95.0	-	-
Stanislaus	19	18	94.7	2	11.1
Tulare	21	19	90.5	2	10.5
Ventura	72	72	100.0	15	20.8
Yolo	5	5	100.0	1	20.0
Yuba	7	6	85.7	2	33.3
All Other Jurisdictions**	35	30	85.7	5	16.7

*Excess alcohol use within the past 12 months.

-Indicates zero cases or zero percent.

**Reporting jurisdictions with fewer than 5 cases.

Table 36. Tuberculosis Cases by Occupation*: Reporting Jurisdictions in California, 2004

Reporting Jurisdiction	Total Cases	Cases with Information On Occupation		Occupation**									
				Not Employed		Health Care Worker		Correctional Employee		Migrant Worker		Other Occupation	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
California	2,989	2,889	96.7	1,806	62.5	60	2.1	1	-	54	1.9	970	33.6
Alameda	144	141	97.9	77	54.6	3	2.1	-	-	-	-	61	43.3
Contra Costa	64	64	100.0	43	67.2	3	4.7	-	-	-	-	18	28.1
Fresno	102	95	93.1	70	73.7	3	3.2	-	-	12	12.6	10	10.5
Imperial	31	29	93.5	12	41.4	-	-	-	-	7	24.1	10	34.5
Kern	36	36	100.0	25	69.4	-	-	-	-	4	11.1	7	19.4
Long Beach	54	53	98.1	28	52.8	2	3.8	-	-	-	-	23	43.4
Los Angeles	930	903	97.1	633	70.1	16	1.8	-	-	-	-	254	28.1
Madera	5	5	100.0	4	80.0	-	-	-	-	1	20.0	-	-
Marin	13	11	84.6	5	45.5	-	-	-	-	-	-	6	54.5
Merced	8	8	100.0	5	62.5	-	-	-	-	1	12.5	2	25.0
Monterey	29	29	100.0	13	44.8	1	3.4	-	-	4	13.8	11	37.9
Napa	7	7	100.0	2	28.6	1	14.3	-	-	1	14.3	3	42.9
Orange	224	221	98.7	133	60.2	3	1.4	-	-	1	0.5	84	38.0
Pasadena	12	12	100.0	7	58.3	-	-	-	-	-	-	5	41.7
Riverside	75	71	94.7	44	62.0	1	1.4	-	-	1	1.4	25	35.2
Sacramento	161	145	90.1	104	71.7	1	0.7	-	-	-	-	40	27.6
San Bernardino	67	67	100.0	35	52.2	1	1.5	-	-	2	3.0	29	43.3
San Diego	320	302	94.4	160	53.0	9	3.0	1	0.3	3	1.0	129	42.7
San Francisco	135	134	99.3	90	67.2	4	3.0	-	-	-	-	40	29.9
San Joaquin	65	65	100.0	41	63.1	1	1.5	-	-	2	3.1	22	33.8
San Mateo	56	55	98.2	28	50.9	-	-	-	-	1	1.8	26	47.3
Santa Barbara	18	18	100.0	12	66.7	-	-	-	-	1	5.6	5	27.8
Santa Clara	203	199	98.0	116	58.3	5	2.5	-	-	-	-	78	39.2
Santa Cruz	9	9	100.0	4	44.4	-	-	-	-	-	-	5	55.6
Solano	42	37	88.1	21	56.8	3	8.1	-	-	-	-	13	35.1
Sonoma	20	18	90.0	6	33.3	-	-	-	-	3	16.7	9	50.0
Stanislaus	19	18	94.7	10	55.6	1	5.6	-	-	1	5.6	6	33.3
Tulare	21	19	90.5	11	57.9	-	-	-	-	3	15.8	5	26.3
Ventura	72	72	100.0	42	58.3	2	2.8	-	-	4	5.6	24	33.3
Yolo	5	5	100.0	4	80.0	-	-	-	-	-	-	1	20.0
Yuba	7	7	100.0	3	42.9	-	-	-	-	-	-	4	57.1
All Other Jurisdictions***	35	34	97.1	18	52.9	-	-	-	-	2	5.9	15	44.1

* Occupation within past 24 months.

** A case may report more than one occupation.

-Indicates zero cases or zero percent.

***Reporting jurisdictions with fewer than 5 cases.

Table 37. Tuberculosis Cases by Initial Drug Susceptibility Testing: Reporting Jurisdictions in California, 2004

Reporting Jurisdiction	Total Cases	Total Culture Positive Cases	Cases with Initial Drug Susceptibility Testing	
			No.	%
California	2,989	2,311	2,222	96.1
Alameda	144	114	108	94.7
Alpine	-	-	-	-
Amador	-	-	-	-
Berkeley	4	3	3	100.0
Butte	4	2	2	100.0
Calaveras	-	-	-	-
Colusa	-	-	-	-
Contra Costa	64	44	44	100.0
Del Norte	-	-	-	-
El Dorado	3	3	2	66.7
Fresno	102	48	44	91.7
Glenn	-	-	-	-
Humboldt	4	3	3	100.0
Imperial	31	27	27	100.0
Inyo	-	-	-	-
Kern	36	28	28	100.0
Kings	3	3	3	100.0
Lake	3	3	3	100.0
Lassen	-	-	-	-
Long Beach	54	41	41	100.0
Los Angeles	930	748	732	97.9
Madera	5	3	3	100.0
Marin	13	7	6	85.7
Mariposa	-	-	-	-
Mendocino	1	-	-	-
Merced	8	6	6	100.0
Modoc	-	-	-	-
Mono	-	-	-	-
Monterey	29	20	20	100.0
Napa	7	4	4	100.0
Nevada	1	1	-	-
Orange	224	202	190	94.1
Pasadena	12	7	5	71.4
Placer	2	1	1	100.0
Plumas	-	-	-	-
Riverside	75	59	49	83.1
Sacramento	161	77	77	100.0
San Benito	2	2	2	100.0
San Bernardino	67	59	53	89.8
San Diego	320	271	270	99.6
San Francisco	135	114	114	100.0
San Joaquin	65	46	45	97.8
San Luis Obispo	2	2	2	100.0
San Mateo	56	39	38	97.4
Santa Barbara	18	15	14	93.3
Santa Clara	203	171	163	95.3
Santa Cruz	9	8	8	100.0
Shasta	4	2	2	100.0
Sierra	-	-	-	-
Siskiyou	-	-	-	-
Solano	42	26	18	69.2
Sonoma	20	13	13	100.0
Stanislaus	19	15	11	73.3
Sutter	-	-	-	-
Tehama	1	1	1	100.0
Trinity	-	-	-	-
Tulare	21	16	16	100.0
Tuolumne	1	1	1	100.0
Ventura	72	45	39	86.7
Yolo	5	4	4	100.0
Yuba	7	7	7	100.0

-Indicates zero cases or zero percent.

Table 38. Tuberculosis Cases by Resistance to Isoniazid and History of Prior Tuberculosis: Reporting Jurisdictions in California, 2004

Reporting Jurisdiction	Total Culture Positive Cases	All Cases*		No Prior TB			Prior TB		
		No. with INH** Susceptibility Testing	Cases with Resistance to INH No. %	No. with INH Susceptibility Testing	Cases with Resistance to INH No. %	No. with INH Susceptibility Testing	Cases with Resistance to INH No. %	No. with INH Susceptibility Testing	Cases with Resistance to INH No. %
California	2,311	2,220	250 11.3	2,070	224 10.8	128	23 18.0		
Alameda	114	108	11 10.2	101	11 10.9	7	-	-	-
Alpine	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-
Berkeley	3	3	1 33.3	3	1 33.3	-	-	-	-
Butte	2	2	-	1	-	1	-	-	-
Calaveras	-	-	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-
Contra Costa	44	44	11 25.0	42	10 23.8	2	1 50.0		
Del Norte	-	-	-	-	-	-	-	-	-
El Dorado	3	2	-	1	-	1	-	-	-
Fresno	48	44	4 9.1	31	2 6.5	6	1 16.0		
Glenn	-	-	-	-	-	-	-	-	-
Humboldt	3	3	-	3	-	-	-	-	-
Imperial	27	27	5 18.5	27	5 18.5	-	-	-	-
Inyo	-	-	-	-	-	-	-	-	-
Kern	28	28	4 14.3	23	3 13.0	3	-	-	-
Kings	3	3	-	3	-	-	-	-	-
Lake	3	3	-	3	-	-	-	-	-
Lassen	-	-	-	-	-	-	-	-	-
Long Beach	41	41	8 19.5	39	8 20.5	2	-	-	-
Los Angeles	748	732	74 10.1	690	65 9.4	42	9 21.0		
Madera	3	3	-	3	-	-	-	-	-
Marin	7	6	1 16.7	5	1 20.0	-	-	-	-
Mariposa	-	-	-	-	-	-	-	-	-
Mendocino	-	-	-	-	-	-	-	-	-
Merced	6	6	1 16.7	5	1 20.0	1	-	-	-
Modoc	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-
Monterey	20	20	2 10.0	20	2 10.0	-	-	-	-
Napa	4	4	1 25.0	4	1 25.0	-	-	-	-
Nevada	1	-	-	-	-	-	-	-	-
Orange	202	190	18 9.5	174	15 8.6	11	3 27.0		
Pasadena	7	5	-	5	-	-	-	-	-
Placer	1	1	-	1	-	-	-	-	-
Plumas	-	-	-	-	-	-	-	-	-
Riverside	59	48	4 8.3	45	3 6.7	1	-	-	-
Sacramento	77	77	6 7.8	72	6 8.3	5	-	-	-
San Benito	2	2	1 50.0	2	1 50.0	-	-	-	-
San Bernardino	59	53	6 11.3	53	6 11.3	-	-	-	-
San Diego	271	269	27 10.0	251	25 10.0	18	2 11.0		
San Francisco	114	114	20 17.5	103	18 17.5	11	2 18.0		
San Joaquin	46	45	2 4.4	45	2 4.4	-	-	-	-
San Luis Obispo	2	2	-	2	-	-	-	-	-
San Mateo	39	38	8 21.1	35	6 17.1	3	2 66.0		
Santa Barbara	15	14	1 7.1	13	1 7.7	1	-	-	-
Santa Clara	171	163	22 13.5	152	21 13.8	7	1 14.0		
Santa Cruz	8	8	1 12.5	7	1 14.3	1	-	-	-
Shasta	2	2	-	2	-	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-
Solano	26	18	1 5.6	18	1 5.6	-	-	-	-
Sonoma	13	13	2 15.4	12	2 16.7	1	-	-	-
Stanislaus	15	11	1 9.1	9	1 11.1	1	-	-	-
Sutter	-	-	-	-	-	-	-	-	-
Tehama	1	1	-	1	-	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-
Tulare	16	16	1 6.3	16	1 6.3	-	-	-	-
Tuolumne	1	1	-	-	-	1	-	-	-
Ventura	45	39	2 5.1	39	2 5.1	-	-	-	-
Yolo	4	4	-	4	-	-	-	-	-
Yuba	7	7	4 57.1	5	2 40.0	2	2 100.0		

* Sum of cases with prior TB and without prior TB does not equal all cases due to inclusion of those with unknown history of TB.

** INH=isoniazid

- Indicates zero cases or zero percent.

Table 39. Tuberculosis Cases by Resistance to Rifampin and History of Prior Tuberculosis: Reporting Jurisdictions in California, 2004

Reporting Jurisdiction	Total Culture Positive Cases	All Cases*		No Prior TB		Prior TB	
		No. with RIF** Susceptibility Testing	Cases with Resistance to RIF No. %	No. with RIF Susceptibility Testing	Cases with Resistance to RIF No. %	No. with RIF Susceptibility Testing	Cases with Resistance to RIF No. %
California	2,311	2,219	44 2.0	2,069	34 1.6	128	10 7.8
Alameda	114	108	1 0.9	101	1 1.0	7	- -
Alpine	-	-	- -	-	- -	-	- -
Amador	-	-	- -	-	- -	-	- -
Berkeley	3	3	- -	3	- -	-	- -
Butte	2	2	- -	1	- -	1	- -
Calaveras	-	-	- -	-	- -	-	- -
Colusa	-	-	- -	-	- -	-	- -
Contra Costa	44	44	2 4.5	42	2 4.8	2	- -
Del Norte	-	-	- -	-	- -	-	- -
El Dorado	3	2	- -	1	- -	1	- -
Fresno	48	44	2 4.5	31	1 3.2	6	1 16.7
Glenn	-	-	- -	-	- -	-	- -
Humboldt	3	3	- -	3	- -	-	- -
Imperial	27	27	2 7.4	27	2 7.4	-	- -
Inyo	-	-	- -	-	- -	-	- -
Kern	28	28	- -	23	- -	3	- -
Kings	3	3	- -	3	- -	-	- -
Lake	3	3	- -	3	- -	-	- -
Lassen	-	-	- -	-	- -	-	- -
Long Beach	41	41	1 2.4	39	1 2.6	2	- -
Los Angeles	748	732	8 1.1	690	4 0.6	42	4 9.5
Madera	3	3	- -	3	- -	-	- -
Marin	7	6	- -	5	- -	-	- -
Mariposa	-	-	- -	-	- -	-	- -
Mendocino	-	-	- -	-	- -	-	- -
Merced	6	6	1 16.7	5	1 20.0	1	- -
Modoc	-	-	- -	-	- -	-	- -
Mono	-	-	- -	-	- -	-	- -
Monterey	20	20	1 5.0	20	1 5.0	-	- -
Napa	4	4	- -	4	- -	-	- -
Nevada	1	-	- -	-	- -	-	- -
Orange	202	190	1 0.5	174	- -	11	1 9.1
Pasadena	7	5	- -	5	- -	-	- -
Placer	1	1	- -	1	- -	-	- -
Plumas	-	-	- -	-	- -	-	- -
Riverside	59	48	2 4.2	45	2 4.4	1	- -
Sacramento	77	77	6 7.8	72	6 8.3	5	- -
San Benito	2	2	- -	2	- -	-	- -
San Bernardino	59	53	1 1.9	53	1 1.9	-	- -
San Diego	271	269	4 1.5	251	2 0.8	18	2 11.1
San Francisco	114	114	4 3.5	103	4 3.9	11	- -
San Joaquin	46	45	- -	45	- -	-	- -
San Luis Obispo	2	2	- -	2	- -	-	- -
San Mateo	39	38	1 2.6	35	1 2.9	3	- -
Santa Barbara	15	14	- -	13	- -	1	- -
Santa Clara	171	163	3 1.8	152	3 2.0	7	- -
Santa Cruz	8	8	- -	7	- -	1	- -
Shasta	2	2	- -	2	- -	-	- -
Sierra	-	-	- -	-	- -	-	- -
Siskiyou	-	-	- -	-	- -	-	- -
Solano	26	18	- -	18	- -	-	- -
Sonoma	13	13	- -	12	- -	1	- -
Stanislaus	15	11	- -	9	- -	1	- -
Sutter	-	-	- -	-	- -	-	- -
Tehama	1	1	- -	1	- -	-	- -
Trinity	-	-	- -	-	- -	-	- -
Tulare	16	16	- -	16	- -	-	- -
Tuolumne	1	1	- -	-	- -	1	- -
Ventura	45	39	1 2.6	39	1 2.6	-	- -
Yolo	4	3	- -	3	- -	-	- -
Yuba	7	7	3 42.9	5	1 20.0	2	2 100.0

* Sum of cases with prior TB and without prior TB does not equal all cases due to inclusion of those with unknown history of TB.

**RIF=rifampin

- Indicates zero cases or zero percent.

Table 40. Tuberculosis Cases by Resistance to Ethambutol and History of Prior Tuberculosis: Reporting Jurisdictions in California, 2004

Reporting Jurisdiction	Total Culture Positive Cases	All Cases*			No Prior TB			Prior TB		
		No. with EMB** Susceptibility Testing	Cases with Resistance to EMB No. %	No. with EMB Susceptibility Testing	Cases with Resistance to EMB No. %	No. with EMB Susceptibility Testing	Cases with Resistance to EMB No. %	No. with EMB Susceptibility Testing	Cases with Resistance to EMB No. %	
California	2,311	2,214	36 1.6	2,064	29 1.4	128	7 5.5			
Alameda	114	105	1 1.0	98	1 1.0	7	- -			
Alpine	-	-	- -	-	- -	-	- -			
Amador	-	-	- -	-	- -	-	- -			
Berkeley	3	3	1 33.3	3	1 33.3	-	- -			
Butte	2	2	- -	1	- -	1	- -			
Calaveras	-	-	- -	-	- -	-	- -			
Colusa	-	-	- -	-	- -	-	- -			
Contra Costa	44	43	1 2.3	41	1 2.4	2	- -			
Del Norte	-	-	- -	-	- -	-	- -			
El Dorado	3	2	- -	1	- -	1	- -			
Fresno	48	44	2 4.5	31	1 3.2	6	1 16.7			
Glenn	-	-	- -	-	- -	-	- -			
Humboldt	3	3	- -	3	- -	-	- -			
Imperial	27	27	1 3.7	27	1 3.7	-	- -			
Inyo	-	-	- -	-	- -	-	- -			
Kern	28	28	- -	23	- -	3	- -			
Kings	3	3	- -	3	- -	-	- -			
Lake	3	3	- -	3	- -	-	- -			
Lassen	-	-	- -	-	- -	-	- -			
Long Beach	41	41	- -	39	- -	2	- -			
Los Angeles	748	732	12 1.6	690	9 1.3	42	3 7.1			
Madera	3	3	- -	3	- -	-	- -			
Marin	7	6	- -	5	- -	-	- -			
Mariposa	-	-	- -	-	- -	-	- -			
Mendocino	-	-	- -	-	- -	-	- -			
Merced	6	6	1 16.7	5	1 20.0	1	- -			
Modoc	-	-	- -	-	- -	-	- -			
Mono	-	-	- -	-	- -	-	- -			
Monterey	20	20	1 5.0	20	1 5.0	-	- -			
Napa	4	4	- -	4	- -	-	- -			
Nevada	1	-	- -	-	- -	-	- -			
Orange	202	190	4 2.1	174	2 1.1	11	2 18.2			
Pasadena	7	5	- -	5	- -	-	- -			
Placer	1	1	- -	1	- -	-	- -			
Plumas	-	-	- -	-	- -	-	- -			
Riverside	59	48	- -	45	- -	1	- -			
Sacramento	77	76	3 3.9	71	3 4.2	5	- -			
San Benito	2	2	- -	2	- -	-	- -			
San Bernardino	59	53	- -	53	- -	-	- -			
San Diego	271	269	3 1.1	251	3 1.2	18	- -			
San Francisco	114	114	1 0.9	103	1 1.0	11	- -			
San Joaquin	46	45	1 2.2	45	1 2.2	-	- -			
San Luis Obispo	2	2	- -	2	- -	-	- -			
San Mateo	39	38	- -	35	- -	3	- -			
Santa Barbara	15	14	- -	13	- -	1	- -			
Santa Clara	171	163	1 0.6	152	1 0.7	7	- -			
Santa Cruz	8	8	1 12.5	7	1 14.3	1	- -			
Shasta	2	-	- -	2	- -	-	- -			
Sierra	-	-	- -	-	- -	-	- -			
Siskiyou	-	-	- -	-	- -	-	- -			
Solano	26	18	1 5.6	18	1 5.6	-	- -			
Sonoma	13	13	- -	12	- -	1	- -			
Stanislaus	15	11	- -	9	- -	1	- -			
Sutter	-	-	- -	-	- -	-	- -			
Tehama	1	1	- -	1	- -	-	- -			
Trinity	-	-	- -	-	- -	-	- -			
Tulare	16	15	- -	15	- -	-	- -			
Tuolumne	1	1	- -	-	- -	1	- -			
Ventura	45	39	- -	39	- -	-	- -			
Yolo	4	4	- -	4	- -	-	- -			
Yuba	7	7	1 14.3	5	- -	2	1 50.0			

* Sum of cases with prior TB and without prior TB does not equal all cases due to inclusion of those with unknown history of TB.

**EMB=ethambutol

- Indicates zero cases or zero percent.

Table 41. Tuberculosis Cases by Resistance to Pyrazinamide and History of Prior Tuberculosis: Reporting Jurisdictions in California, 2004

Reporting Jurisdiction	Total Culture Positive Cases	All Cases*				No Prior TB				Prior TB			
		No. with PZA** Susceptibility Testing	Cases with Resistance to PZA			No. with PZA Susceptibility Testing	Cases with Resistance to PZA			No. with PZA Susceptibility Testing	Cases with Resistance to PZA		
			No.	%			No.	%			No.	%	
California	2,311	2,174	87	4.0	2,030	81	4.0	123	6	4.9			
Alameda	114	97	3	3.1	90	3	3.3	7	-	-	-	-	-
Alpine	-	-	-	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-	-	-	-
Berkeley	3	3	-	-	3	-	-	-	-	-	-	-	-
Butte	2	2	-	-	1	-	-	1	-	-	-	-	-
Calaveras	-	-	-	-	-	-	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-	-	-	-	-
Contra Costa	44	44	2	4.5	42	2	4.8	2	-	-	-	-	-
Del Norte	-	-	-	-	-	-	-	-	-	-	-	-	-
El Dorado	3	2	-	-	1	-	-	1	-	-	-	-	-
Fresno	48	43	2	4.7	30	1	3.3	6	1	16.7	-	-	-
Glenn	-	-	-	-	-	-	-	-	-	-	-	-	-
Humboldt	3	3	-	-	3	-	-	-	-	-	-	-	-
Imperial	27	27	3	11.1	27	3	11.1	-	-	-	-	-	-
Inyo	-	-	-	-	-	-	-	-	-	-	-	-	-
Kern	28	28	2	7.1	23	2	8.7	3	-	-	-	-	-
Kings	3	3	-	-	3	-	-	-	-	-	-	-	-
Lake	3	3	-	-	3	-	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-	-	-	-	-	-	-
Long Beach	41	40	3	7.5	38	3	7.9	2	-	-	-	-	-
Los Angeles	748	720	22	3.1	680	20	2.9	40	2	5.0	-	-	-
Madera	3	2	-	-	2	-	-	-	-	-	-	-	-
Marin	7	6	-	-	5	-	-	-	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-	-	-	-	-	-	-
Mendocino	-	-	-	-	-	-	-	-	-	-	-	-	-
Merced	6	5	-	-	4	-	-	1	-	-	-	-	-
Modoc	-	-	-	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-	-	-	-
Monterey	20	20	1	5.0	20	1	5.0	-	-	-	-	-	-
Napa	4	4	-	-	4	-	-	-	-	-	-	-	-
Nevada	1	-	-	-	-	-	-	-	-	-	-	-	-
Orange	202	186	5	2.7	171	4	2.3	10	1	10.0	-	-	-
Pasadena	7	5	-	-	5	-	-	-	-	-	-	-	-
Placer	1	1	-	-	1	-	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-	-	-	-	-	-	-
Riverside	59	47	3	6.4	44	3	6.8	1	-	-	-	-	-
Sacramento	77	77	-	-	72	-	-	5	-	-	-	-	-
San Benito	2	2	-	-	2	-	-	-	-	-	-	-	-
San Bernardino	59	51	1	2.0	51	1	2.0	-	-	-	-	-	-
San Diego	271	270	30	11.1	252	28	11.1	18	2	11.1	-	-	-
San Francisco	114	113	1	0.9	103	1	1.0	10	-	-	-	-	-
San Joaquin	46	45	-	-	45	-	-	-	-	-	-	-	-
San Luis Obispo	2	2	-	-	2	-	-	-	-	-	-	-	-
San Mateo	39	38	-	-	35	-	-	3	-	-	-	-	-
Santa Barbara	15	13	1	7.7	12	1	8.3	1	-	-	-	-	-
Santa Clara	171	161	4	2.5	151	4	2.6	7	-	-	-	-	-
Santa Cruz	8	8	2	25.0	7	2	28.6	1	-	-	-	-	-
Shasta	2	2	-	-	2	-	-	-	-	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-	-	-	-	-
Solano	26	17	-	-	17	-	-	-	-	-	-	-	-
Sonoma	13	13	-	-	12	-	-	1	-	-	-	-	-
Stanislaus	15	11	-	-	9	-	-	1	-	-	-	-	-
Sutter	-	-	-	-	-	-	-	-	-	-	-	-	-
Tehama	1	1	-	-	1	-	-	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-	-	-	-	-
Tulare	16	16	-	-	16	-	-	-	-	-	-	-	-
Tuolumne	1	1	-	-	-	-	-	1	-	-	-	-	-
Ventura	45	34	2	5.9	34	2	5.9	-	-	-	-	-	-
Yolo	4	4	-	-	4	-	-	-	-	-	-	-	-
Yuba	7	4	-	-	3	-	-	1	-	-	-	-	-

* Sum of cases with prior TB and without prior TB does not equal all cases due to inclusion of those with unknown history of TB.

**PZA=pyrazinamide

- Indicates zero cases or zero percent.

Table 42. Tuberculosis Cases by Resistance to Streptomycin and History of Prior Tuberculosis: Reporting Jurisdictions in California, 2004

Reporting Jurisdiction	Total Culture Positive Cases	All Cases*		No Prior TB		Prior TB	
		No. with SM** Susceptibility Testing	Cases with Resistance to SM No. %	No. with SM Susceptibility Testing	Cases with Resistance to SM No. %	No. with SM Susceptibility Testing	Cases with Resistance to SM No. %
California	2,311	1,737	182 10.5	1,618	167 10.3	102	15 14.7
Alameda	114	73	13 17.8	67	12 17.9	6	1 16.7
Alpine	-	-	- -	-	- -	-	- -
Amador	-	-	- -	-	- -	-	- -
Berkeley	3	1	- -	1	- -	-	- -
Butte	2	2	- -	1	- -	1	- -
Calaveras	-	-	- -	-	- -	-	- -
Colusa	-	-	- -	-	- -	-	- -
Contra Costa	44	32	6 18.8	31	6 19.4	1	- -
Del Norte	-	-	- -	-	- -	-	- -
El Dorado	3	2	- -	1	- -	1	- -
Fresno	48	44	5 11.4	31	4 12.9	6	1 16.7
Glenn	-	-	- -	-	- -	-	- -
Humboldt	3	1	- -	1	- -	-	- -
Imperial	27	24	4 16.7	24	4 16.7	-	- -
Inyo	-	-	- -	-	- -	-	- -
Kern	28	4	- -	3	- -	1	- -
Kings	3	-	- -	-	- -	-	- -
Lake	3	-	- -	-	- -	-	- -
Lassen	-	-	- -	-	- -	-	- -
Long Beach	41	33	4 12.1	31	4 12.9	2	- -
Los Angeles	748	698	68 9.7	657	65 9.9	41	3 7.3
Madera	3	2	- -	2	- -	-	- -
Marin	7	2	- -	1	- -	-	- -
Mariposa	-	-	- -	-	- -	-	- -
Mendocino	-	-	- -	-	- -	-	- -
Merced	6	4	1 25.0	4	1 25.0	-	- -
Modoc	-	-	- -	-	- -	-	- -
Mono	-	-	- -	-	- -	-	- -
Monterey	20	5	- -	5	- -	-	- -
Napa	4	2	- -	2	- -	-	- -
Nevada	1	-	- -	-	- -	-	- -
Orange	202	186	16 8.6	171	13 7.6	11	3 27.3
Pasadena	7	3	- -	3	- -	-	- -
Placer	1	1	- -	1	- -	-	- -
Plumas	-	-	- -	-	- -	-	- -
Riverside	59	47	3 6.4	44	3 6.8	1	- -
Sacramento	77	51	8 15.7	49	8 16.3	2	- -
San Benito	2	1	- -	1	- -	-	- -
San Bernardino	59	51	4 7.8	51	4 7.8	-	- -
San Diego	271	75	4 5.3	71	4 5.6	4	- -
San Francisco	114	103	10 9.7	92	8 8.7	11	2 18.2
San Joaquin	46	43	3 7.0	43	3 7.0	-	- -
San Luis Obispo	2	-	- -	-	- -	-	- -
San Mateo	39	24	2 8.3	21	1 4.8	3	1 33.3
Santa Barbara	15	12	1 8.3	11	1 9.1	1	- -
Santa Clara	171	137	20 14.6	127	18 14.2	7	2 28.6
Santa Cruz	8	8	1 12.5	7	1 14.3	1	- -
Shasta	2	1	- -	1	- -	-	- -
Sierra	-	-	- -	-	- -	-	- -
Siskiyou	-	-	- -	-	- -	-	- -
Solano	26	3	2 66.7	3	2 66.7	-	- -
Sonoma	13	1	- -	1	- -	-	- -
Stanislaus	15	6	1 16.7	6	1 16.7	-	- -
Sutter	-	-	- -	-	- -	-	- -
Tehama	1	-	- -	-	- -	-	- -
Trinity	-	-	- -	-	- -	-	- -
Tulare	16	12	1 8.3	12	1 8.3	-	- -
Tuolumne	1	-	- -	-	- -	-	- -
Ventura	45	35	2 5.7	35	2 5.7	-	- -
Yolo	4	2	- -	2	- -	-	- -
Yuba	7	6	3 50.0	4	1 25.0	2	2 100.0

* Sum of cases with prior TB and without prior TB does not equal all cases due to inclusion of those with unknown history of TB.

**SM=streptomycin

- Indicates zero cases or zero percent.

**Table 43. Tuberculosis Cases by Resistance to Isoniazid and Rifampin and History of Prior Tuberculosis:
Reporting Jurisdictions in California, 2004**

Reporting Jurisdiction	All Cases*				No Prior TB				Prior TB	
	Total Culture Positive Cases	No. with INH/RIF** Susceptibility Testing	Cases with Resistance to INH/RIF		No. with INH/RIF Susceptibility Testing	Cases with Resistance to INH/RIF		No. with INH/RIF Susceptibility Testing	Cases with Resistance to INH/RIF	
			No.	%		No.	%		No.	%
California	2,311	2,219	37	1.7	2,069	28	1.4	128	9	7.0
Alameda	114	108	1	0.9	101	1	1.0	7	-	-
Alpine	-	-	-	-	-	-	-	-	-	-
Amador	-	-	-	-	-	-	-	-	-	-
Berkeley	3	3	-	-	3	-	-	-	-	-
Butte	2	2	-	-	1	-	-	1	-	-
Calaveras	-	-	-	-	-	-	-	-	-	-
Colusa	-	-	-	-	-	-	-	-	-	-
Contra Costa	44	44	2	4.5	42	2	4.8	2	-	-
Del Norte	-	-	-	-	-	-	-	-	-	-
El Dorado	3	2	-	-	1	-	-	1	-	-
Fresno	48	44	2	4.5	31	1	3.2	6	1	16.0
Glenn	-	-	-	-	-	-	-	-	-	-
Humboldt	3	3	-	-	3	-	-	-	-	-
Imperial	27	27	2	7.4	27	2	7.4	-	-	-
Inyo	-	-	-	-	-	-	-	-	-	-
Kern	28	28	-	-	23	-	-	3	-	-
Kings	3	3	-	-	3	-	-	-	-	-
Lake	3	3	-	-	3	-	-	-	-	-
Lassen	-	-	-	-	-	-	-	-	-	-
Long Beach	41	41	1	2.4	39	1	2.6	2	-	-
Los Angeles	748	732	8	1.1	690	4	0.6	42	4	9.0
Madera	3	3	-	-	3	-	-	-	-	-
Marin	7	6	-	-	5	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-	-	-	-
Mendocino	-	-	-	-	-	-	-	-	-	-
Merced	6	6	1	16.7	5	1	20.0	1	-	-
Modoc	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-
Monterey	20	20	1	5.0	20	1	5.0	-	-	-
Napa	4	4	-	-	4	-	-	-	-	-
Nevada	1	-	-	-	-	-	-	-	-	-
Orange	202	190	1	0.5	174	-	-	11	1	9.0
Pasadena	7	5	-	-	5	-	-	-	-	-
Placer	1	1	-	-	1	-	-	-	-	-
Plumas	-	-	-	-	-	-	-	-	-	-
Riverside	59	48	1	2.1	45	1	2.2	1	-	-
Sacramento	77	77	5	6.5	72	5	6.9	5	-	-
San Benito	2	2	-	-	2	-	-	-	-	-
San Bernardino	59	53	-	-	53	-	-	-	-	-
San Diego	271	269	3	1.1	251	2	0.8	18	1	5.0
San Francisco	114	114	3	2.6	103	3	2.9	11	-	-
San Joaquin	46	45	-	-	45	-	-	-	-	-
San Luis Obispo	2	2	-	-	2	-	-	-	-	-
San Mateo	39	38	1	2.6	35	1	2.9	3	-	-
Santa Barbara	15	14	-	-	13	-	-	1	-	-
Santa Clara	171	163	2	1.2	152	2	1.3	7	-	-
Santa Cruz	8	8	-	-	7	-	-	1	-	-
Shasta	2	2	-	-	2	-	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-	-
Solano	26	18	-	-	18	-	-	-	-	-
Sonoma	13	13	-	-	12	-	-	1	-	-
Stanislaus	15	11	-	-	9	-	-	1	-	-
Sutter	-	-	-	-	-	-	-	-	-	-
Tehama	1	1	-	-	1	-	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-	-
Tulare	16	16	-	-	16	-	-	-	-	-
Tuolumne	1	1	-	-	-	-	-	1	-	-
Ventura	45	39	-	-	39	-	-	-	-	-
Yolo	4	3	-	-	3	-	-	-	-	-
Yuba	7	7	3	42.9	5	1	20.0	2	2	100.0

* Sum of cases with prior TB and without prior TB does not equal all cases due to inclusion of those with unknown history of TB.

**INH=isoniazid, RIF=rifampin

- Indicates zero cases or zero percent.

**Table 44. Tuberculosis Cases by Resistance to at Least One First-line Drug* and History of Prior Tuberculosis:
Reporting Jurisdictions in California, 2004**

Reporting Jurisdiction	Total Culture Positive Cases	All Cases**				No Prior TB				Prior TB			
		No. with Susceptibility Testing	Cases with Resistance to ≥ One Drug		No. with Susceptibility Testing	Cases with Resistance to ≥ One Drug		No. with Susceptibility Testing	Cases with Resistance to ≥ One Drug		No. with Susceptibility Testing	Cases with Resistance to ≥ One Drug	
			No.	%		No.	%		No.	%		No.	%
California	2,311	2,221	332	14.9	2,071	303	14.6	128	26	20.3			
Alameda	114	108	13	12.0	101	13	12.9	7	-	-			
Alpine	-	-	-	-	-	-	-	-	-	-			
Amador	-	-	-	-	-	-	-	-	-	-			
Berkeley	3	3	1	33.3	3	1	33.3	-	-	-			
Butte	2	2	-	-	1	-	-	1	-	-			
Calaveras	-	-	-	-	-	-	-	-	-	-			
Colusa	-	-	-	-	-	-	-	-	-	-			
Contra Costa	44	44	11	25.0	42	10	23.8	2	1	50.0			
Del Norte	-	-	-	-	-	-	-	-	-	-			
El Dorado	3	2	-	-	1	-	-	1	-	-			
Fresno	48	44	5	11.4	31	3	9.7	6	1	16.7			
Glenn	-	-	-	-	-	-	-	-	-	-			
Humboldt	3	3	-	-	3	-	-	-	-	-			
Imperial	27	27	6	22.2	27	6	22.2	-	-	-			
Inyo	-	-	-	-	-	-	-	-	-	-			
Kern	28	28	6	21.4	23	5	21.7	3	-	-			
Kings	3	3	-	-	3	-	-	-	-	-			
Lake	3	3	-	-	3	-	-	-	-	-			
Lassen	-	-	-	-	-	-	-	-	-	-			
Long Beach	41	41	10	24.4	39	10	25.6	2	-	-			
Los Angeles	748	732	95	13.0	690	86	12.5	42	9	21.4			
Madera	3	3	-	-	3	-	-	-	-	-			
Marin	7	6	1	16.7	5	1	20.0	-	-	-			
Mariposa	-	-	-	-	-	-	-	-	-	-			
Mendocino	-	-	-	-	-	-	-	-	-	-			
Merced	6	6	1	16.7	5	1	20.0	1	-	-			
Modoc	-	-	-	-	-	-	-	-	-	-			
Mono	-	-	-	-	-	-	-	-	-	-			
Monterey	20	20	3	15.0	20	3	15.0	-	-	-			
Napa	4	4	1	25.0	4	1	25.0	-	-	-			
Nevada	1	-	-	-	-	-	-	-	-	-			
Orange	202	190	22	11.6	174	19	10.9	11	3	27.3			
Pasadena	7	5	-	-	5	-	-	-	-	-			
Placer	1	1	-	-	1	-	-	-	-	-			
Plumas	-	-	-	-	-	-	-	-	-	-			
Riverside	59	48	7	14.6	45	6	13.3	1	-	-			
Sacramento	77	77	7	9.1	72	7	9.7	5	-	-			
San Benito	2	2	1	50.0	2	1	50.0	-	-	-			
San Bernardino	59	53	8	15.1	53	8	15.1	-	-	-			
San Diego	271	270	53	19.6	252	48	19.0	18	5	27.8			
San Francisco	114	114	22	19.3	103	20	19.4	11	2	18.2			
San Joaquin	46	45	8	17.8	45	8	17.8	-	-	-			
San Luis Obispo	2	2	-	-	2	-	-	-	-	-			
San Mateo	39	38	8	21.1	35	6	17.1	3	2	66.7			
Santa Barbara	15	14	2	14.3	13	2	15.4	1	-	-			
Santa Clara	171	163	25	15.3	152	24	15.8	7	1	14.3			
Santa Cruz	8	8	2	25.0	7	2	28.6	1	-	-			
Shasta	2	2	-	-	2	-	-	-	-	-			
Sierra	-	-	-	-	-	-	-	-	-	-			
Siskiyou	-	-	-	-	-	-	-	-	-	-			
Solano	26	18	1	5.6	18	1	5.6	-	-	-			
Sonoma	13	13	2	15.4	12	2	16.7	1	-	-			
Stanislaus	15	11	1	9.1	9	1	11.1	1	-	-			
Sutter	-	-	-	-	-	-	-	-	-	-			
Tehama	1	1	-	-	1	-	-	-	-	-			
Trinity	-	-	-	-	-	-	-	-	-	-			
Tulare	16	16	1	6.3	16	1	6.3	-	-	-			
Tuolumne	1	1	-	-	-	-	-	1	-	-			
Ventura	45	39	5	12.8	39	5	12.8	-	-	-			
Yolo	4	4	-	-	4	-	-	-	-	-			
Yuba	7	7	4	57.1	5	2	40.0	2	2	100.0			

*First-line drugs include isoniazid, rifampin, ethambutol and pyrazinamide.

**Sum of cases with prior TB and without prior TB does not equal all cases due to inclusion of those with unknown history of TB.

-Indicates zero cases or zero percent.

Table 45. Tuberculosis Cases by Resistance to Isoniazid: Reporting Jurisdictions in California, 1998-2004

Reporting Jurisdiction	1998				1999				2000				2001				2002				2003				2004*			
	No. with INH** Testing		Cases with Resistance to INH		No. with INH Testing		Cases with Resistance to INH		No. with INH Testing		Cases with Resistance to INH		No. with INH Testing		Cases with Resistance to INH		No. with INH Testing		Cases with Resistance to INH		No. with INH Testing		Cases with Resistance to INH		No. with INH Testing		Cases with Resistance to INH	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%		
California	2,948	346	11.7	2,680	286	10.7	2,519	259	10.3	2,574	233	9.1	2,385	257	10.8	2,428	244	10.0	2,220	250	11.3							
Alameda	180	24	13.3	146	17	11.6	179	15	8.4	154	9	5.8	133	19	14.3	131	25	19.1	108	11	10.2							
Alpine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Amador	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Berkeley	5	-	-	14	1	7.1	4	-	-	11	-	-	9	1	11.1	4	2	50.0	3	1	33.3							
Butte	4	1	25.0	3	-	-	3	1	33.3	4	-	-	1	-	-	5	-	-	2	-	-	2	-	-	-	-		
Calaveras	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Colusa	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-		
Contra Costa	77	10	13.0	65	10	15.4	55	4	7.3	74	5	6.8	49	5	10.2	58	2	3.4	44	11	25.0							
Del Norte	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	100.0	-	-	-	-	-			
El Dorado	3	-	-	1	-	-	3	-	-	5	-	-	3	-	-	-	-	-	-	2	-	-	-	-	-	-		
Fresno	70	15	21.4	54	9	16.7	55	7	12.7	61	8	13.1	41	2	4.9	49	4	8.2	44	4	9.1							
Glenn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-			
Humboldt	8	3	37.5	5	-	-	4	-	-	6	1	16.7	3	-	-	1	-	-	3	-	-	3	-	-	-	-		
Imperial	28	-	-	25	2	8.0	25	3	12.0	23	2	8.7	23	5	21.7	23	2	8.7	27	5	18.5							
Inyo	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-			
Kern	44	1	2.3	51	2	3.9	36	2	5.6	39	2	5.1	43	6	14.0	39	3	7.7	28	4	14.3							
Kings	12	-	-	8	-	-	8	1	12.5	7	-	-	4	-	-	3	1	33.3	3	-	-							
Lake	2	-	-	1	-	-	2	-	-	2	-	-	-	-	-	-	-	-	3	-	-	3	-	-	-	-		
Lassen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Long Beach	40	5	12.5	72	5	6.9	50	2	4.0	46	5	10.9	39	1	2.6	45	2	4.4	41	8	19.5							
Los Angeles	974	110	11.3	896	85	9.5	805	81	10.1	799	78	9.8	773	80	10.3	752	82	10.9	732	74	10.1							
Madera	4	-	-	6	-	-	11	-	-	7	-	-	8	1	12.5	9	-	-	3	-	-							
Marin	12	1	8.3	9	-	-	8	1	12.5	11	2	18.2	10	1	10.0	7	2	28.6	6	1	16.7							
Mariposa	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Mendocino	4	1	25.0	1	-	-	2	1	50.0	2	1	50.0	5	2	40.0	5	1	20.0	-	-	-	-	-	-	-			
Merced	4	1	25.0	10	2	20.0	8	4	50.0	10	-	-	16	1	6.3	13	2	15.4	6	1	16.7							
Modoc	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Mono	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Monterey	36	2	5.6	31	3	9.7	28	4	14.3	32	4	12.5	21	2	9.5	37	2	5.4	20	2	10.0							
Napa	3	1	33.3	3	-	-	2	-	-	2	-	-	7	-	-	5	-	-	4	1	25.0							

*At the time of report preparation, drug susceptibility testing was 96 percent complete for culture positive cases reported in 2004. As additional Initial Drug Susceptibility Reports are submitted, overall proportions of drug resistance may change slightly.

**INH=isoniazid

-Indicates zero cases or zero percent.

Tuberculosis Control Branch, California Department of Health Services

Table 45. Tuberculosis Cases by Resistance to Isoniazid: Reporting Jurisdictions in California, 1998-2004

Reporting Jurisdiction	1998			1999			2000			2001			2002			2003			2004*		
	No. with INH** Testing	Cases with Resistance to INH No.	%	No. with INH Testing	Cases with Resistance to INH No.	%	No. with INH Testing	Cases with Resistance to INH No.	%	No. with INH Testing	Cases with Resistance to INH No.	%	No. with INH Testing	Cases with Resistance to INH No.	%	No. with INH Testing	Cases with Resistance to INH No.	%	No. with INH Testing	Cases with Resistance to INH No.	%
Nevada	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	100.0	-	-	-
Orange	248	39	15.7	204	27	13.2	212	29	13.7	230	28	12.2	198	25	12.6	205	21	10.2	190	18	9.5
Pasadena	15	1	6.7	6	-	-	7	1	14.3	15	2	13.3	7	-	-	8	-	-	5	-	-
Placer	5	-	-	2	-	-	1	-	-	3	-	-	2	-	-	8	-	-	1	-	-
Plumas	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Riverside	67	8	11.9	52	4	7.7	47	6	12.8	57	3	5.3	50	-	-	56	3	5.4	48	4	8.3
Sacramento	73	7	9.6	61	10	16.4	72	1	1.4	82	5	6.1	52	5	9.6	89	10	11.2	77	6	7.8
San Benito	1	-	-	3	-	-	1	-	-	4	-	-	3	-	-	-	-	-	2	1	50.0
San Bernardino	78	9	11.5	90	7	7.8	84	11	13.1	68	7	10.3	58	5	8.6	54	4	7.4	53	6	11.3
San Diego	270	37	13.7	225	26	11.6	261	30	11.5	275	16	5.8	281	32	11.4	259	21	8.1	269	27	10.0
San Francisco	179	11	6.1	185	20	10.8	135	9	6.7	143	13	9.1	119	11	9.2	139	12	8.6	114	20	17.5
San Joaquin	52	4	7.7	56	8	14.3	58	8	13.8	39	4	10.3	40	4	10.0	53	5	9.4	45	2	4.4
San Luis Obispo	10	2	20.0	5	-	-	6	-	-	6	-	-	5	1	20.0	6	-	-	2	-	-
San Mateo	60	7	11.7	48	3	6.3	36	3	8.3	59	6	10.2	53	8	15.1	47	7	14.9	38	8	21.1
Santa Barbara	18	4	22.2	21	1	4.8	15	1	6.7	20	3	15.0	12	4	33.3	31	3	9.7	14	1	7.1
Santa Clara	213	28	13.1	194	33	17.0	180	26	14.4	162	18	11.1	206	22	10.7	168	18	10.7	163	22	13.5
Santa Cruz	10	2	20.0	10	2	20.0	2	-	-	6	-	-	3	-	-	7	-	-	8	1	12.5
Shasta	4	-	-	5	-	-	5	-	-	4	-	-	3	-	-	8	2	25.0	2	-	-
Sierra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Siskiyou	2	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	
Solano	33	2	6.1	17	-	-	20	2	10.0	21	1	4.8	18	1	5.6	6	-	-	18	1	5.6
Sonoma	12	1	8.3	14	2	14.3	13	-	-	7	-	-	12	3	25.0	11	1	9.1	13	2	15.4
Stanislaus	16	2	12.5	20	2	10.0	8	-	-	14	-	-	15	-	-	13	2	15.4	11	1	9.1
Sutter	7	-	-	3	-	-	3	-	-	1	-	-	5	-	-	5	1	20.0	-	-	-
Tehama	-	-	-	2	-	-	-	-	-	1	1	100.0	-	-	-	1	-	-	1	-	-
Trinity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tulare	18	2	11.1	15	1	6.7	14	1	7.1	13	1	7.7	14	2	14.3	12	-	-	16	1	6.3
Tuolumne	8	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	1	-	-
Ventura	30	4	13.3	34	3	8.8	30	-	-	39	8	20.5	39	8	20.5	35	-	-	39	2	5.1
Yolo	5	1	20.0	4	1	25.0	5	-	-	5	-	-	1	-	-	11	1	9.1	4	-	-
Yuba	3	-	-	1	-	-	9	5	55.6	1	-	-	-	-	-	3	1	33.3	7	4	57.1

*At the time of report preparation, drug susceptibility testing was 96 percent complete for culture positive cases reported in 2004. As additional Initial Drug Susceptibility Reports are submitted, overall proportions of drug resistance may change slightly.

**INH=isoniazid

-Indicates zero cases or zero percent.

Table 46. Tuberculosis Cases by Resistance to Isoniazid and Rifampin: Reporting Jurisdictions in California, 1998-2004

Reporting Jurisdiction	1998				1999				2000				2001				2002				2003				2004 *			
	No. with INH/RIF Testing		Cases with Resistance to INH/RIF		No. with INH/RIF Testing		Cases with Resistance to INH/RIF		No. with INH/RIF Testing		Cases with Resistance to INH/RIF		No. with INH/RIF Testing		Cases with Resistance to INH/RIF		No. with INH/RIF Testing		Cases with Resistance to INH/RIF		No. with INH/RIF Testing		Cases with Resistance to INH/RIF		No. with INH/RIF Testing		Cases with Resistance to INH/RIF	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
California	2,947	37	1.3	2,678	39	1.5	2,518	34	1.4	2,573	31	1.2	2,384	41	1.7	2,427	33	1.4	2,219	37	1.7							
Alameda	180	1	0.6	146	1	0.7	179	-	-	154	1	0.6	133	-	-	131	1	0.8	108	1	0.9							
Alpine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Amador	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Berkeley	5	-	-	14	1	7.1	4	-	-	11	-	-	9	-	-	4	-	-	3	-	-	-	-	-	-	-		
Butte	4	1	25.0	3	-	-	3	-	-	4	-	-	1	-	-	5	-	-	2	-	-	-	-	-	-	-		
Calaveras	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Colusa	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-		
Contra Costa	77	1	1.3	65	-	-	55	-	-	74	-	-	49	1	2.0	58	-	-	44	2	4.5							
Del Norte	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
El Dorado	3	-	-	1	-	-	3	-	-	5	-	-	3	-	-	-	-	-	2	-	-	-	-	-	-	-	-	
Fresno	70	7	10.0	54	1	1.9	55	3	5.5	61	2	3.3	41	-	-	49	-	-	44	2	4.5							
Glenn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-		
Humboldt	8	-	-	5	-	-	4	-	-	6	-	-	3	-	-	1	-	-	3	-	-	-	-	-	-	-		
Imperial	28	-	-	25	-	-	25	-	-	23	2	8.7	23	2	8.7	23	-	-	27	2	7.4							
Inyo	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-		
Kern	44	-	-	51	-	-	36	-	-	39	1	2.6	43	2	4.7	39	1	2.6	28	-	-							
Kings	12	-	-	8	-	-	8	-	-	7	-	-	4	-	-	3	-	-	3	-	-	-	-	-	-	-		
Lake	2	-	-	1	-	-	2	-	-	2	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-		
Lassen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Long Beach	40	-	-	72	1	1.4	50	-	-	46	-	-	39	1	2.6	45	1	2.2	41	1	2.4							
Los Angeles	974	7	0.7	896	15	1.7	805	9	1.1	799	8	1.0	773	9	1.2	752	10	1.3	732	8	1.1							
Madera	4	-	-	6	-	-	11	-	-	7	-	-	8	1	12.5	9	-	-	3	-	-							
Marin	12	-	-	9	-	-	8	-	-	11	-	-	10	-	-	7	-	-	6	-	-							
Mariposa	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Mendocino	4	-	-	1	-	-	2	-	-	2	-	-	5	-	-	5	-	-	-	-	-	-	-	-	-	-		
Merced	4	-	-	10	2	20.0	8	1	12.5	10	-	-	16	1	6.3	13	1	7.7	6	1	16.7							
Modoc	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Mono	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Monterey	36	-	-	31	-	-	28	-	-	32	-	-	21	2	9.5	37	-	-	20	1	5.0							
Napa	3	-	-	3	-	-	2	-	-	2	-	-	7	-	-	5	-	-	4	-	-							

*At the time of report preparation, drug susceptibility testing was 96 percent complete for culture positive cases reported in 2004. As additional Initial Drug Susceptibility Reports are submitted, overall proportions of drug resistance may change slightly.

**INH=isoniazid, RIF=rifampin

-Indicates zero cases or zero percent.

Table 46. Tuberculosis Cases by Resistance to Isoniazid and Rifampin: Reporting Jurisdictions in California, 1998-2004

Reporting Jurisdiction	1998			1999			2000			2001			2002			2003			2004 *			
	No. with INH/RIF Testing	Cases with Resistance to INH/RIF No.	%	No. with INH/RIF Testing	Cases with Resistance to INH/RIF No.	%	No. with INH/RIF Testing	Cases with Resistance to INH/RIF No.	%	No. with INH/RIF Testing	Cases with Resistance to INH/RIF No.	%	No. with INH/RIF Testing	Cases with Resistance to INH/RIF No.	%	No. with INH/RIF Testing	Cases with Resistance to INH/RIF No.	%	No. with INH/RIF Testing	Cases with Resistance to INH/RIF No.	%	
Nevada	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Orange	248	2	0.8	204	3	1.5	212	4	1.9	230	2	0.9	198	2	1.0	205	3	1.5	190	1	0.5	
Pasadena	15	-	-	6	-	-	7	-	-	15	-	-	7	-	-	8	-	-	5	-	-	
Placer	5	-	-	2	-	-	1	-	-	3	-	-	2	-	-	8	-	-	1	-	-	
Plumas	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Riverside	67	1	1.5	52	3	5.8	47	3	6.4	57	-	-	50	-	-	56	1	1.8	48	1	2.1	
Sacramento	73	2	2.7	61	-	-	72	-	-	82	2	2.4	52	1	1.9	89	1	1.1	77	5	6.5	
San Benito	1	-	-	3	-	-	1	-	-	4	-	-	3	-	-	-	-	-	2	-	-	
San Bernardino	78	2	2.6	88	1	1.1	83	-	-	68	1	1.5	58	-	-	53	-	-	53	-	-	
San Diego	269	3	1.1	225	2	0.9	261	8	3.1	275	2	0.7	281	6	2.1	259	5	1.9	269	3	1.1	
San Francisco	179	2	1.1	185	3	1.6	135	-	-	143	4	2.8	119	4	3.4	139	2	1.4	114	3	2.6	
San Joaquin	52	-	-	56	2	3.6	58	3	5.2	39	-	-	40	1	2.5	53	1	1.9	45	-	-	
San Luis Obispo	10	-	-	5	-	-	6	-	-	6	-	-	5	1	20.0	6	-	-	2	-	-	
San Mateo	60	-	-	48	-	-	36	-	-	59	1	1.7	53	2	3.8	47	-	-	38	1	2.6	
Santa Barbara	18	-	-	21	-	-	15	-	-	20	1	5.0	12	2	16.7	31	-	-	14	-	-	
Santa Clara	213	6	2.8	194	3	1.5	180	2	1.1	162	1	0.6	205	1	0.5	168	-	-	163	2	1.2	
Santa Cruz	10	-	-	10	-	-	2	-	-	6	-	-	3	-	-	7	-	-	8	-	-	
Shasta	4	-	-	5	-	-	5	-	-	4	-	-	3	-	-	8	1	12.5	2	-	-	
Sierra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Siskiyou	2	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Solano	33	-	-	17	-	-	20	-	-	20	1	5.0	18	1	5.6	6	-	-	18	-	-	
Sonoma	12	-	-	14	-	-	13	-	-	7	-	-	12	1	8.3	11	1	9.1	13	-	-	
Stanislaus	16	-	-	20	-	-	8	-	-	14	-	-	15	-	-	13	1	7.7	11	-	-	
Sutter	7	-	-	3	-	-	3	-	-	1	-	-	5	-	-	5	-	-	-	-	-	
Tehama	-	-	-	2	-	-	-	-	-	1	1	100.0	-	-	-	-	-	-	1	-	-	
Trinity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tulare	18	-	-	15	1	6.7	14	-	-	13	1	7.7	14	-	-	12	-	-	16	-	-	
Tuolumne	8	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	1	-	-	
Ventura	30	2	6.7	34	-	-	30	-	-	39	-	-	39	-	-	35	-	-	39	-	-	
Yolo	5	-	-	4	-	-	5	-	-	5	-	-	1	-	-	11	1	9.1	3	-	-	
Yuba	3	-	-	1	-	-	9	1	11.1	1	-	-	-	-	-	3	1	33.3	7	3	42.9	

*At the time of report preparation, drug susceptibility testing was 96 percent complete for culture positive cases reported in 2004. As additional Initial Drug Susceptibility Reports are submitted, overall proportions of drug resistance may change slightly.

**INH=isoniazid, RIF=rifampin

-Indicates zero cases or zero percent.

Table 47. Tuberculosis Cases by Reason Therapy Stopped: Reporting Jurisdictions in California, 2002

Reporting Jurisdiction	Cases Starting Therapy	Reason Therapy Stopped*															
		Completed Tx ≤ 12 months		Completed Tx > 12 months		Moved		Died		Lost		Refused		Other/Unknown			
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%		
California	3,079	2,224	72.2	302	9.8	227	7.4	198	6.4	57	1.9	11	0.4	13	0.4	47	1.5
Alameda	194	150	77.3	11	5.7	11	5.7	13	6.7	1	0.5	1	0.5	1	0.5	6	3.1
Alpine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Amador	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Berkeley	10	7	70.0	1	10.0	1	10.0	1	10.0	-	-	-	-	-	-	-	-
Butte	1	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	
Calaveras	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Colusa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Contra Costa	67	48	71.6	6	9.0	5	7.5	7	10.4	-	-	1	1.5	-	-	-	-
Del Norte	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
El Dorado	3	2	66.7	1	33.3	-	-	-	-	-	-	-	-	-	-	-	
Fresno	97	71	73.2	7	7.2	8	8.2	7	7.2	-	-	3	3.1	-	-	1	1.0
Glenn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Humboldt	6	5	83.3	-	-	-	-	1	16.7	-	-	-	-	-	-	-	-
Imperial	25	16	64.0	-	-	7	28.0	-	-	2	8.0	-	-	-	-	-	-
Inyo	1	-	-	-	-	1	100.0	-	-	-	-	-	-	-	-	-	-
Kern	55	32	58.2	7	12.7	10	18.2	2	3.6	2	3.6	-	-	-	-	2	3.6
Kings	5	3	60.0	1	20.0	1	20.0	-	-	-	-	-	-	-	-	-	-
Lake	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lassen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Long Beach	58	30	51.7	13	22.4	9	15.5	5	8.6	1	1.7	-	-	-	-	-	-
Los Angeles	985	688	69.8	112	11.4	66	6.7	73	7.4	25	2.5	-	-	-	-	21	2.1
Madera	12	6	50.0	1	8.3	4	33.3	-	-	-	-	-	-	-	-	1	8.3
Marin	12	10	83.3	1	8.3	1	8.3	-	-	-	-	-	-	-	-	-	-
Mariposa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mendocino	7	6	85.7	-	-	-	-	1	14.3	-	-	-	-	-	-	-	-
Merced	17	12	70.6	2	11.8	-	-	2	11.8	-	-	-	-	-	-	1	5.9
Modoc	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mono	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monterey	23	15	65.2	3	13.0	3	13.0	2	8.7	-	-	-	-	-	-	-	-
Napa	7	6	85.7	-	-	-	-	-	-	-	-	1	14.3	-	-	-	-

* Patient outcome in jurisdiction reporting the case.

- Indicates zero cases or zero percent.

Table 47. Tuberculosis Cases by Reason Therapy Stopped: Reporting Jurisdictions in California, 2002

Reporting Jurisdiction	Cases Starting Therapy	Reason Therapy Stopped*															
		Completed Tx ≤ 12 months		Completed Tx > 12 months		Moved		Died		Lost		Refused		Other/Unknown		No Information	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Nevada	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Orange	226	158	69.9	31	13.7	14	6.2	13	5.8	3	1.3	1	0.4	3	1.3	3	1.3
Pasadena	12	11	91.7	-	-	1	8.3	-	-	-	-	-	-	-	-	-	
Placer	3	1	33.3	-	-	-	-	2	66.7	-	-	-	-	-	-	-	
Plumas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Riverside	65	51	78.5	1	1.5	5	7.7	4	6.2	2	3.1	-	-	2	3.1	-	-
Sacramento	101	87	86.1	6	5.9	3	3.0	3	3.0	1	1.0	1	1.0	-	-	-	-
San Benito	3	3	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	
San Bernardino	59	36	61.0	5	8.5	9	15.3	4	6.8	1	1.7	1	1.7	-	-	3	5.1
San Diego	314	217	69.1	38	12.1	26	8.3	18	5.7	9	2.9	1	0.3	5	1.6	-	-
San Francisco	143	105	73.4	14	9.8	9	6.3	14	9.8	1	0.7	-	-	-	-	-	-
San Joaquin	50	34	68.0	1	2.0	3	6.0	6	12.0	1	2.0	-	-	-	-	5	10.0
San Luis Obispo	6	5	83.3	-	-	1	16.7	-	-	-	-	-	-	-	-	-	
San Mateo	68	55	80.9	4	5.9	4	5.9	2	2.9	3	4.4	-	-	-	-	-	-
Santa Barbara	17	12	70.6	2	11.8	2	11.8	-	-	-	-	-	-	-	-	1	5.9
Santa Clara	253	209	82.6	20	7.9	11	4.3	8	3.2	3	1.2	-	-	1	0.4	1	0.4
Santa Cruz	6	4	66.7	1	16.7	1	16.7	-	-	-	-	-	-	-	-	-	
Shasta	5	4	80.0	-	-	1	20.0	-	-	-	-	-	-	-	-	-	
Sierra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Siskiyou	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Solano	26	20	76.9	3	11.5	1	3.8	-	-	1	3.8	-	-	-	-	1	3.8
Sonoma	17	14	82.4	3	17.6	-	-	-	-	-	-	-	-	-	-	-	
Stanislaus	20	13	65.0	1	5.0	1	5.0	5	25.0	-	-	-	-	-	-	-	
Sutter	7	4	57.1	-	-	-	-	2	28.6	-	-	-	-	-	-	1	14.3
Tehama	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Trinity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tulare	19	13	68.4	2	10.5	2	10.5	1	5.3	-	-	1	5.3	-	-	-	
Tuolumne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ventura	65	52	80.0	4	6.2	6	9.2	2	3.1	1	1.5	-	-	-	-	-	
Yolo	3	2	66.7	-	-	-	-	-	-	-	-	-	-	1	33.3	-	
Yuba	6	6	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	

* Patient outcome in jurisdiction reporting the case.

- Indicates zero cases or zero percent.

Table 48. Drug-susceptible* Tuberculosis Cases by Reason Therapy Stopped: Reporting Jurisdictions in California, 2002

Reporting Jurisdiction	Cases Starting Therapy	Reason Therapy Stopped**															
		Completed Tx ≤ 12 months		Completed Tx > 12 months		Moved		Died		Lost		Refused		Other/Unknown			
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%		
California	2,750	2,037	74.1	230	8.4	200	7.3	171	6.2	53	1.9	10	0.4	11	0.4	38	1.4
Alameda	174	137	78.7	9	5.2	9	5.2	10	5.7	1	0.6	1	0.6	1	0.6	6	3.4
Alpine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Amador	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Berkeley	9	7	77.8	1	11.1	-	-	1	11.1	-	-	-	-	-	-	-	
Butte	1	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	
Calaveras	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Colusa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Contra Costa	62	45	72.6	4	6.5	5	8.1	7	11.3	-	-	1	1.6	-	-	-	-
Del Norte	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
El Dorado	3	2	66.7	1	33.3	-	-	-	-	-	-	-	-	-	-	-	
Fresno	95	71	74.7	6	6.3	8	8.4	6	6.3	-	-	3	3.2	-	-	1	1.1
Glenn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Humboldt	6	5	83.3	-	-	-	-	1	16.7	-	-	-	-	-	-	-	
Imperial	19	13	68.4	-	-	5	26.3	-	-	1	5.3	-	-	-	-	-	
Inyo	1	-	-	-	-	1	100.0	-	-	-	-	-	-	-	-	-	
Kern	49	30	61.2	4	8.2	9	18.4	2	4.1	2	4.1	-	-	-	-	2	4.1
Kings	5	3	60.0	1	20.0	1	20.0	-	-	-	-	-	-	-	-	-	
Lake	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lassen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Long Beach	58	30	51.7	13	22.4	9	15.5	5	8.6	1	1.7	-	-	-	-	-	-
Los Angeles	887	632	71.3	94	10.6	56	6.3	64	7.2	25	2.8	-	-	-	-	16	1.8
Madera	11	6	54.5	-	-	4	36.4	-	-	-	-	-	-	-	-	1	9.1
Marin	9	8	88.9	1	11.1	-	-	-	-	-	-	-	-	-	-	-	
Mariposa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mendocino	5	4	80.0	-	-	-	-	1	20.0	-	-	-	-	-	-	-	
Merced	16	12	75.0	2	12.5	-	-	2	12.5	-	-	-	-	-	-	-	
Modoc	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mono	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Monterey	21	15	71.4	1	4.8	3	14.3	2	9.5	-	-	-	-	-	-	-	
Napa	6	6	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	

* Includes cases susceptible to isoniazid, rifampin and pyrazinamide, cases without culture confirmation and cases without drug susceptibility results.

**Patient outcome in jurisdiction reporting the case.

- Indicates zero cases or zero percent.

Table 48. Drug-susceptible* Tuberculosis Cases by Reason Therapy Stopped: Reporting Jurisdictions in California, 2002

Reporting Jurisdiction	Cases Starting Therapy	Reason Therapy Stopped**															
		Completed Tx ≤ 12 months		Completed Tx > 12 months		Moved		Died		Lost		Refused		Other/Unknown		No Information	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Nevada	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Orange	201	143	71.1	25	12.4	14	7.0	10	5.0	2	1.0	1	0.5	3	1.5	3	1.5
Pasadena	12	11	91.7	-	-	1	8.3	-	-	-	-	-	-	-	-	-	-
Placer	3	1	33.3	-	-	-	-	2	66.7	-	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Riverside	59	48	81.4	1	1.7	4	6.8	3	5.1	2	3.4	-	-	1	1.7	-	-
Sacramento	97	84	86.6	5	5.2	3	3.1	3	3.1	1	1.0	1	1.0	-	-	-	-
San Benito	2	2	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Bernardino	50	32	64.0	3	6.0	7	14.0	3	6.0	1	2.0	1	2.0	-	-	3	6.0
San Diego	253	186	73.5	19	7.5	23	9.1	13	5.1	7	2.8	1	0.4	4	1.6	-	-
San Francisco	131	100	76.3	11	8.4	6	4.6	13	9.9	1	0.8	-	-	-	-	-	-
San Joaquin	46	33	71.7	1	2.2	3	6.5	4	8.7	1	2.2	-	-	-	-	4	8.7
San Luis Obispo	5	4	80.0	-	-	1	20.0	-	-	-	-	-	-	-	-	-	-
San Mateo	59	48	81.4	2	3.4	4	6.8	2	3.4	3	5.1	-	-	-	-	-	-
Santa Barbara	12	10	83.3	-	-	2	16.7	-	-	-	-	-	-	-	-	-	-
Santa Clara	227	186	81.9	17	7.5	11	4.8	8	3.5	3	1.3	-	-	1	0.4	1	0.4
Santa Cruz	6	4	66.7	1	16.7	1	16.7	-	-	-	-	-	-	-	-	-	-
Shasta	5	4	80.0	-	-	1	20.0	-	-	-	-	-	-	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solano	25	20	80.0	3	12.0	1	4.0	-	-	1	4.0	-	-	-	-	-	-
Sonoma	14	13	92.9	1	7.1	-	-	-	-	-	-	-	-	-	-	-	-
Stanislaus	20	13	65.0	1	5.0	1	5.0	5	25.0	-	-	-	-	-	-	-	-
Sutter	7	4	57.1	-	-	-	-	2	28.6	-	-	-	-	-	-	1	14.3
Tehama	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tulare	17	13	76.5	-	-	2	11.8	1	5.9	-	-	1	5.9	-	-	-	-
Tuolumne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ventura	53	43	81.1	3	5.7	5	9.4	1	1.9	1	1.9	-	-	-	-	-	-
Yolo	3	2	66.7	-	-	-	-	-	-	-	-	-	-	1	33.3	-	-
Yuba	6	6	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Includes cases susceptible to isoniazid, rifampin and pyrazinamide, cases without culture confirmation and cases without drug susceptibility results.

**Patient outcome in jurisdiction reporting the case.

- Indicates zero cases or zero percent.

Table 49. Drug-resistant* Tuberculosis Cases by Reason Therapy Stopped: Reporting Jurisdictions in California, 2002

Reporting Jurisdiction	Cases Starting Therapy	Reason Therapy Stopped**															
		Completed Tx ≤ 12 months		Completed Tx > 12 months		Moved		Died		Lost		Refused		Other/Unknown			
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%		
California	329	187	56.8	72	21.9	27	8.2	27	8.2	4	1.2	1	0.3	2	0.6	9	2.7
Alameda	20	13	65.0	2	10.0	2	10.0	3	15.0	-	-	-	-	-	-	-	-
Alpine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Amador	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Berkeley	1	-	-	-	-	1	100.0	-	-	-	-	-	-	-	-	-	
Butte	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Calaveras	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Colusa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Contra Costa	5	3	60.0	2	40.0	-	-	-	-	-	-	-	-	-	-	-	
Del Norte	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
El Dorado	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Fresno	2	-	-	1	50.0	-	-	1	50.0	-	-	-	-	-	-	-	
Glenn	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Humboldt	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Imperial	6	3	50.0	-	-	2	33.3	-	-	1	16.7	-	-	-	-	-	
Inyo	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Kern	6	2	33.3	3	50.0	1	16.7	-	-	-	-	-	-	-	-	-	
Kings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lake	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lassen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Long Beach	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Los Angeles	98	56	57.1	18	18.4	10	10.2	9	9.2	-	-	-	-	-	-	5	5.1
Madera	1	-	-	1	100.0	-	-	-	-	-	-	-	-	-	-	-	
Marin	3	2	66.7	-	-	1	33.3	-	-	-	-	-	-	-	-	-	
Mariposa	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mendocino	2	2	100.0	-	-	-	-	-	-	-	-	-	-	-	-	-	
Merced	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	100.0	
Modoc	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mono	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Monterey	2	-	-	2	100.0	-	-	-	-	-	-	-	-	-	-	-	
Napa	1	-	-	-	-	-	-	-	-	-	-	1	100.0	-	-	-	

* Resistant to one or more of the following: isoniazid, rifampin and pyrazinamide.

** Patient outcome in jurisdiction reporting the case.

- Indicates zero cases or zero percent.

Table 49. Drug-resistant* Tuberculosis Cases by Reason Therapy Stopped: Reporting Jurisdictions in California, 2002

Reporting Jurisdiction	Cases Starting Therapy	Reason Therapy Stopped**											
		Completed Tx ≤ 12 months		Completed Tx > 12 months		Moved		Died		Lost		Refused	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Nevada	-	-	-	-	-	-	-	-	-	-	-	-	-
Orange	25	15	60.0	6	24.0	-	-	3	12.0	1	4.0	-	-
Pasadena	-	-	-	-	-	-	-	-	-	-	-	-	-
Placer	-	-	-	-	-	-	-	-	-	-	-	-	-
Plumas	-	-	-	-	-	-	-	-	-	-	-	-	-
Riverside	6	3	50.0	-	-	1	16.7	1	16.7	-	-	1	16.7
Sacramento	4	3	75.0	1	25.0	-	-	-	-	-	-	-	-
San Benito	1	1	100.0	-	-	-	-	-	-	-	-	-	-
San Bernardino	9	4	44.4	2	22.2	2	22.2	1	11.1	-	-	-	-
San Diego	61	31	50.8	19	31.1	3	4.9	5	8.2	2	3.3	-	1 1.6
San Francisco	12	5	41.7	3	25.0	3	25.0	1	8.3	-	-	-	-
San Joaquin	4	1	25.0	-	-	-	-	2	50.0	-	-	-	1 25.0
San Luis Obispo	1	1	100.0	-	-	-	-	-	-	-	-	-	-
San Mateo	9	7	77.8	2	22.2	-	-	-	-	-	-	-	-
Santa Barbara	5	2	40.0	2	40.0	-	-	-	-	-	-	-	1 20.0
Santa Clara	26	23	88.5	3	11.5	-	-	-	-	-	-	-	-
Santa Cruz	-	-	-	-	-	-	-	-	-	-	-	-	-
Shasta	-	-	-	-	-	-	-	-	-	-	-	-	-
Sierra	-	-	-	-	-	-	-	-	-	-	-	-	-
Siskiyou	-	-	-	-	-	-	-	-	-	-	-	-	-
Solano	1	-	-	-	-	-	-	-	-	-	-	-	1 100.0
Sonoma	3	1	33.3	2	66.7	-	-	-	-	-	-	-	-
Stanislaus	-	-	-	-	-	-	-	-	-	-	-	-	-
Sutter	-	-	-	-	-	-	-	-	-	-	-	-	-
Tehama	-	-	-	-	-	-	-	-	-	-	-	-	-
Trinity	-	-	-	-	-	-	-	-	-	-	-	-	-
Tulare	2	-	-	2	100.0	-	-	-	-	-	-	-	-
Tuolumne	-	-	-	-	-	-	-	-	-	-	-	-	-
Ventura	12	9	75.0	1	8.3	1	8.3	1	8.3	-	-	-	-
Yolo	-	-	-	-	-	-	-	-	-	-	-	-	-
Yuba	-	-	-	-	-	-	-	-	-	-	-	-	-

* Resistant to one or more of the following: isoniazid, rifampin and pyrazinamide.

** Patient outcome in jurisdiction reporting the case.

- Indicates zero cases or zero percent.

Table 50. Tuberculosis Cases by Reason Therapy Stopped and Risk Factor for Tuberculosis: California, 2002

	Cases Starting Therapy	Reason Therapy Stopped*															
		Completed Tx ≤ 12 months		Completed Tx > 12 months		Moved		Died		Lost		Refused		Other/ Unknown		No Information	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
California	3,079	2,224	72.2	302	9.8	227	7.4	198	6.4	57	1.9	11	0.4	13	0.4	47	1.5
AIDS																	
No	2,919	2,128	72.9	271	9.3	213	7.3	182	6.2	57	2.0	11	0.4	12	0.4	45	1.5
Yes	160	96	60.0	31	19.4	14	8.8	16	10.0	-	-	-	-	1	0.6	2	1.3
Diagnosed in Correctional Facility																	
No	2,999	2,198	73.3	296	9.9	201	6.7	196	6.5	40	1.3	11	0.4	13	0.4	44	1.5
Yes	68	23	33.8	6	8.8	23	33.8	-	-	13	19.1	-	-	-	-	3	4.4
Federal Prison	12	3	25.0	1	8.3	4	33.3	-	-	4	33.3	-	-	-	-	-	-
State Prison	12	2	16.7	-	-	9	75.0	-	-	-	-	-	-	-	-	1	8.3
Local Jail	33	17	51.5	4	12.1	4	12.1	-	-	6	18.2	-	-	-	-	2	6.1
Juvenile Facility	1	-	-	1	100.0	-	-	-	-	-	-	-	-	-	-	-	-
Other/Unknown	10	1	10.0	-	-	6	60.0	-	-	3	30.0	-	-	-	-	-	-
Unknown	12	3	25.0	-	-	3	25.0	2	16.7	4	33.3	-	-	-	-	-	-
Diagnosed in Long-term Care Facility																	
No	3,014	2,193	72.8	301	10.0	218	7.2	177	5.9	54	1.8	11	0.4	13	0.4	47	1.6
Yes	55	29	52.7	1	1.8	6	10.9	19	34.5	-	-	-	-	-	-	-	-
Unknown	10	2	20.0	-	-	3	30.0	2	20.0	3	30.0	-	-	-	-	-	-
Excess Alcohol Use																	
No	2,692	1,976	73.4	271	10.1	179	6.6	169	6.3	36	1.3	10	0.4	13	0.5	38	1.4
Yes	313	213	68.1	28	8.9	38	12.1	16	5.1	11	3.5	-	-	-	-	7	2.2
Unknown	74	35	47.3	3	4.1	10	13.5	13	17.6	10	13.5	1	1.4	-	-	2	2.7
Homeless																	
No	2,860	2,079	72.7	284	9.9	206	7.2	182	6.4	44	1.5	11	0.4	13	0.5	41	1.4
Yes	196	134	68.4	16	8.2	19	9.7	15	7.7	8	4.1	-	-	-	-	4	2.0
Unknown	23	11	47.8	2	8.7	2	8.7	1	4.3	5	21.7	-	-	-	-	2	8.7
Injecting Drug Use																	
No	2,939	2,153	73.3	292	9.9	206	7.0	178	6.1	43	1.5	11	0.4	13	0.4	43	1.5
Yes	69	43	62.3	7	10.1	6	8.7	8	11.6	4	5.8	-	-	-	-	1	1.4
Unknown	71	28	39.4	3	4.2	15	21.1	12	16.9	10	14.1	-	-	-	-	3	4.2
Non-injecting Drug Use																	
No	2,842	2,089	73.5	283	10.0	190	6.7	177	6.2	40	1.4	10	0.4	13	0.5	40	1.4
Yes	163	105	64.4	17	10.4	20	12.3	9	5.5	7	4.3	-	-	-	-	5	3.1
Unknown	74	30	40.5	2	2.7	17	23.0	12	16.2	10	13.5	1	1.4	-	-	2	2.7

* Patient outcome in jurisdiction reporting the case.

- Indicates zero cases or zero percent.

Table 51. Drug-susceptible* Tuberculosis Cases by Reason Therapy Stopped and Risk Factor for Tuberculosis: California, 2002

	Cases Starting Therapy	Reason Therapy Stopped**													
		Completed Tx ≤ 12 months		Completed Tx > 12 months		Moved		Died		Lost		Refused		Other/Unknown	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
California	2,750	2,037	74.1	230	8.4	200	7.3	171	6.2	53	1.9	10	0.4	11	0.4
AIDS															
No	2,609	1,949	74.7	205	7.9	188	7.2	158	6.1	53	2.0	10	0.4	10	0.4
Yes	141	88	62.4	25	17.7	12	8.5	13	9.2	-	-	-	-	1	0.7
														2	1.4
Diagnosed in Correctional Facility															
No	2,684	2,015	75.1	226	8.4	179	6.7	170	6.3	38	1.4	10	0.4	11	0.4
Yes	58	21	36.2	4	6.9	19	32.8	-	-	11	19.0	-	-	-	3
Federal Prison	11	3	27.3	-	-	4	36.4	-	-	4	36.4	-	-	-	-
State Prison	9	2	22.2	-	-	6	66.7	-	-	-	-	-	-	-	1
Local Jail	29	15	51.7	3	10.3	4	13.8	-	-	5	17.2	-	-	-	2
Juvenile Facility	1	-	-	1	100.0	-	-	-	-	-	-	-	-	-	-
Unknown	8	1	12.5	-	-	5	62.5	-	-	2	25.0	-	-	-	-
Diagnosed in Long-term Care Facility															
No	2,695	2,011	74.6	229	8.5	193	7.2	153	5.7	50	1.9	10	0.4	11	0.4
Yes	48	25	52.1	1	2.1	5	10.4	17	35.4	-	-	-	-	-	-
Unknown	7	1	14.3	-	-	2	28.6	1	14.3	3	42.9	-	-	-	-
Excess Alcohol Use															
No	2,401	1,805	75.2	205	8.5	161	6.7	147	6.1	33	1.4	9	0.4	11	0.5
Yes	285	198	69.5	23	8.1	32	11.2	14	4.9	11	3.9	-	-	-	7
Unknown	64	34	53.1	2	3.1	7	10.9	10	15.6	9	14.1	1	1.6	-	1
Homeless															
No	2,550	1,902	74.6	215	8.4	181	7.1	157	6.2	41	1.6	10	0.4	11	0.4
Yes	180	125	69.4	14	7.8	17	9.4	13	7.2	7	3.9	-	-	-	4
Unknown	20	10	50.0	1	5.0	2	10.0	1	5.0	5	25.0	-	-	-	1
Injecting Drug Use															
No	2,626	1,969	75.0	222	8.5	184	7.0	154	5.9	41	1.6	10	0.4	11	0.4
Yes	62	41	66.1	6	9.7	4	6.5	7	11.3	3	4.8	-	-	-	1
Unknown	62	27	43.5	2	3.2	12	19.4	10	16.1	9	14.5	-	-	-	2
Non-injecting Drug Use															
No	2,540	1,911	75.2	217	8.5	169	6.7	154	6.1	37	1.5	9	0.4	11	0.4
Yes	145	97	66.9	12	8.3	17	11.7	7	4.8	7	4.8	-	-	-	5
Unknown	65	29	44.6	1	1.5	14	21.5	10	15.4	9	13.8	1	1.5	-	1

*Includes cases susceptible to isoniazid, rifampin and pyrazinamide, cases without culture confirmation and cases without drug susceptibility results.

** Patient outcome in jurisdiction reporting the case.

- Indicates zero cases or zero percent.

Figure 1. Number of Tuberculosis Cases: California, 1930-2004

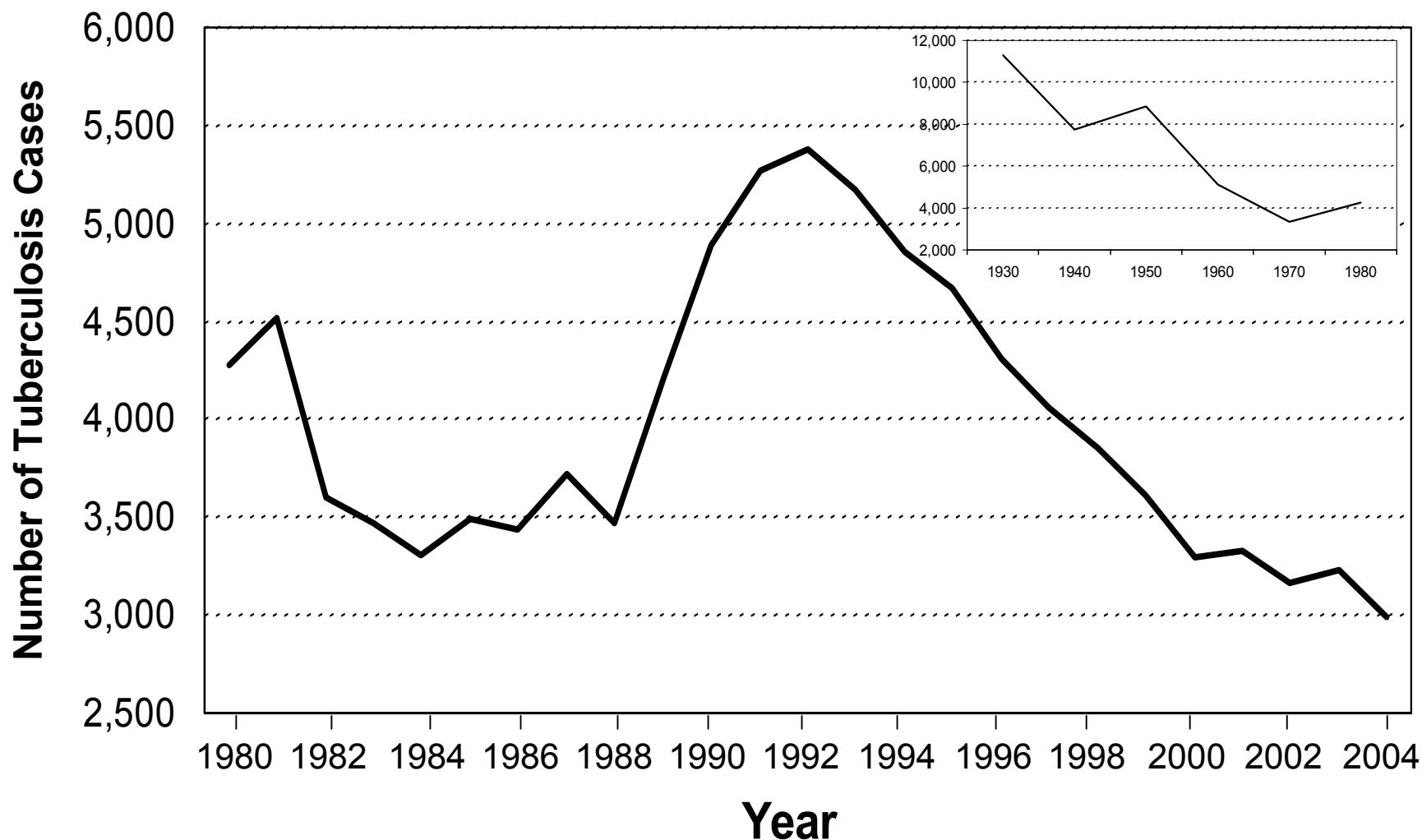


Figure 2. Number of Tuberculosis Cases and Case Rates: California, 1995-2004

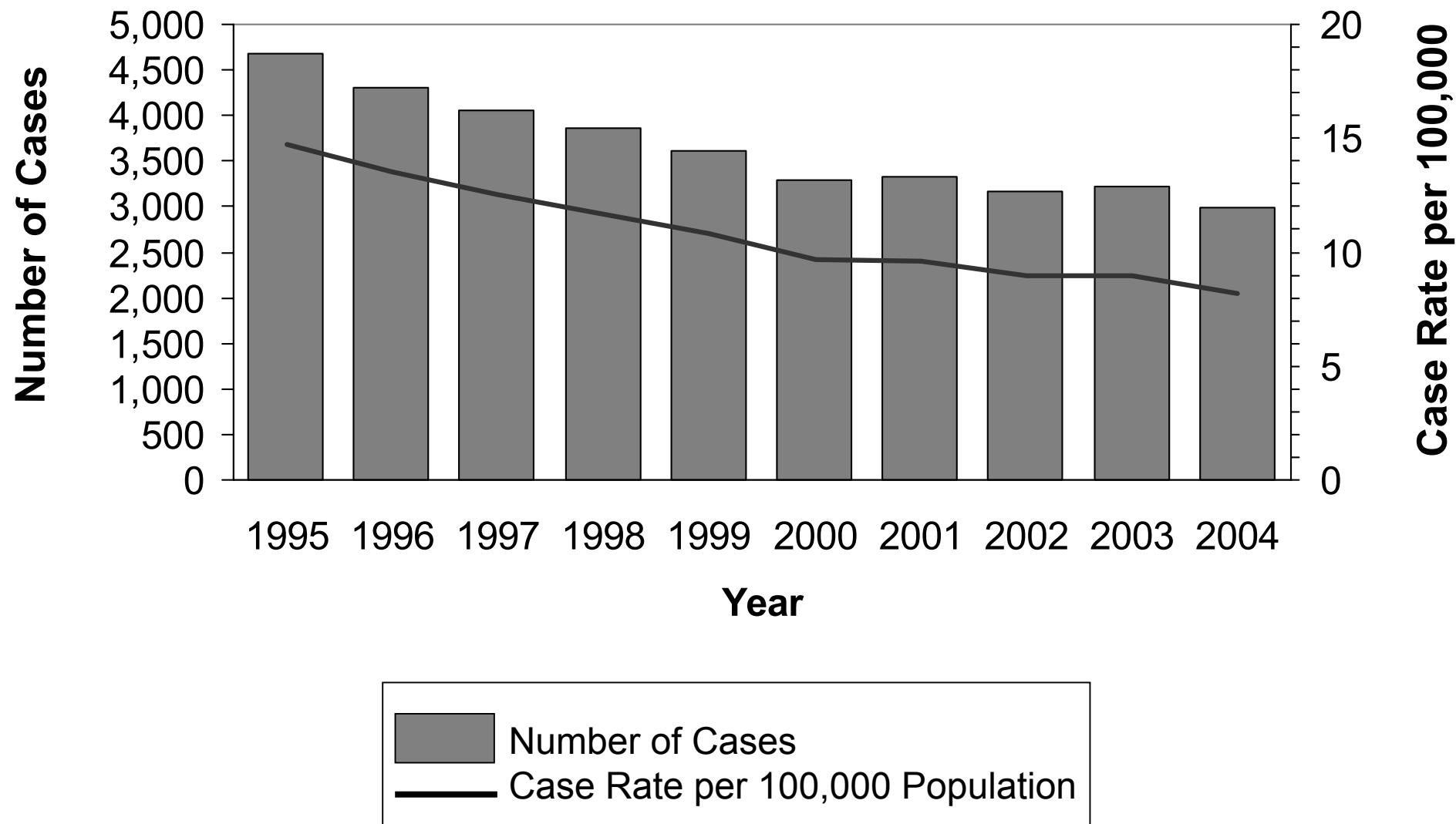


Figure 3. Tuberculosis Cases by Race/Ethnicity: California, 2004

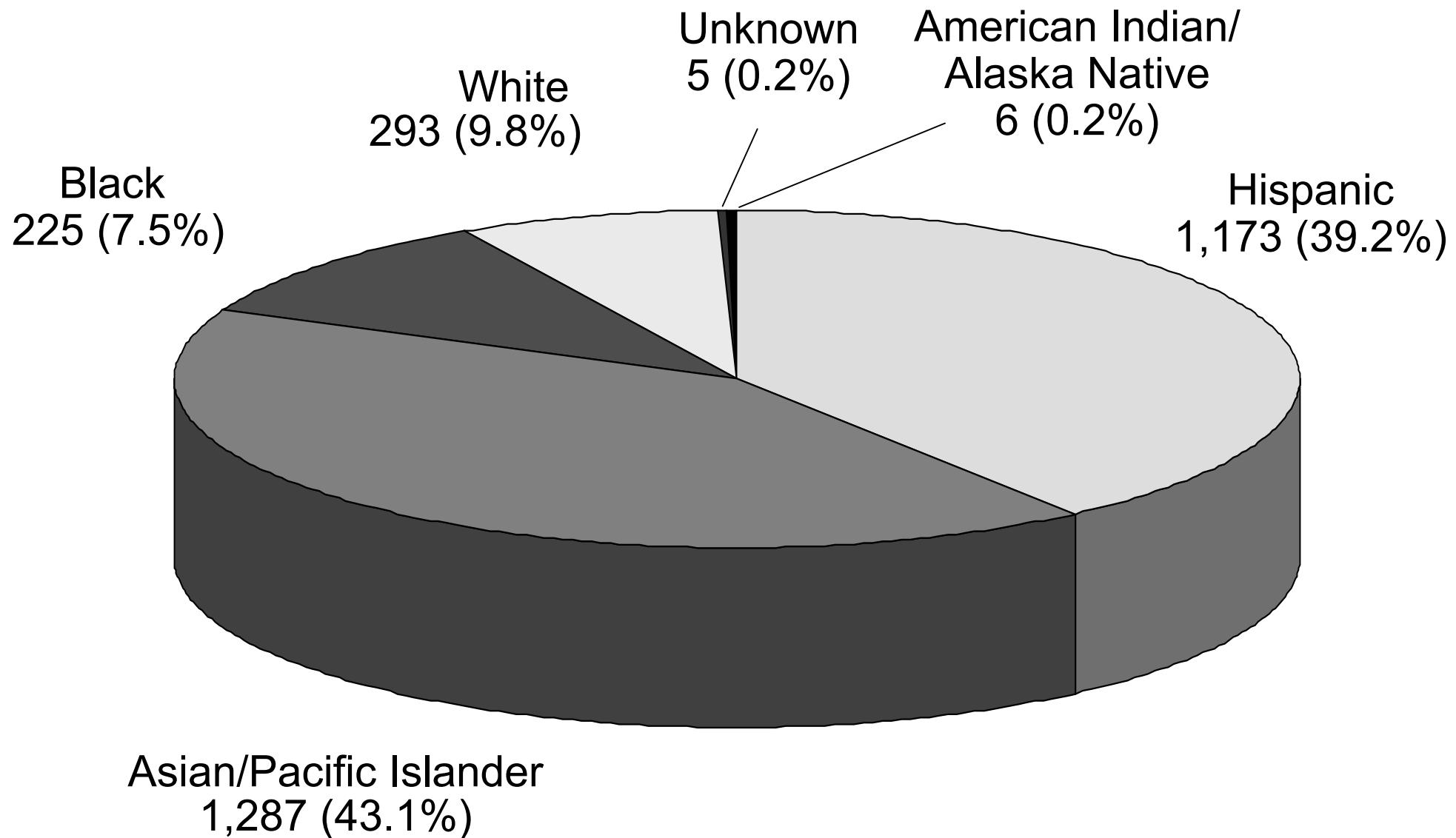


Figure 4. Tuberculosis Case Rates by Race/Ethnicity: California, 1995-2004

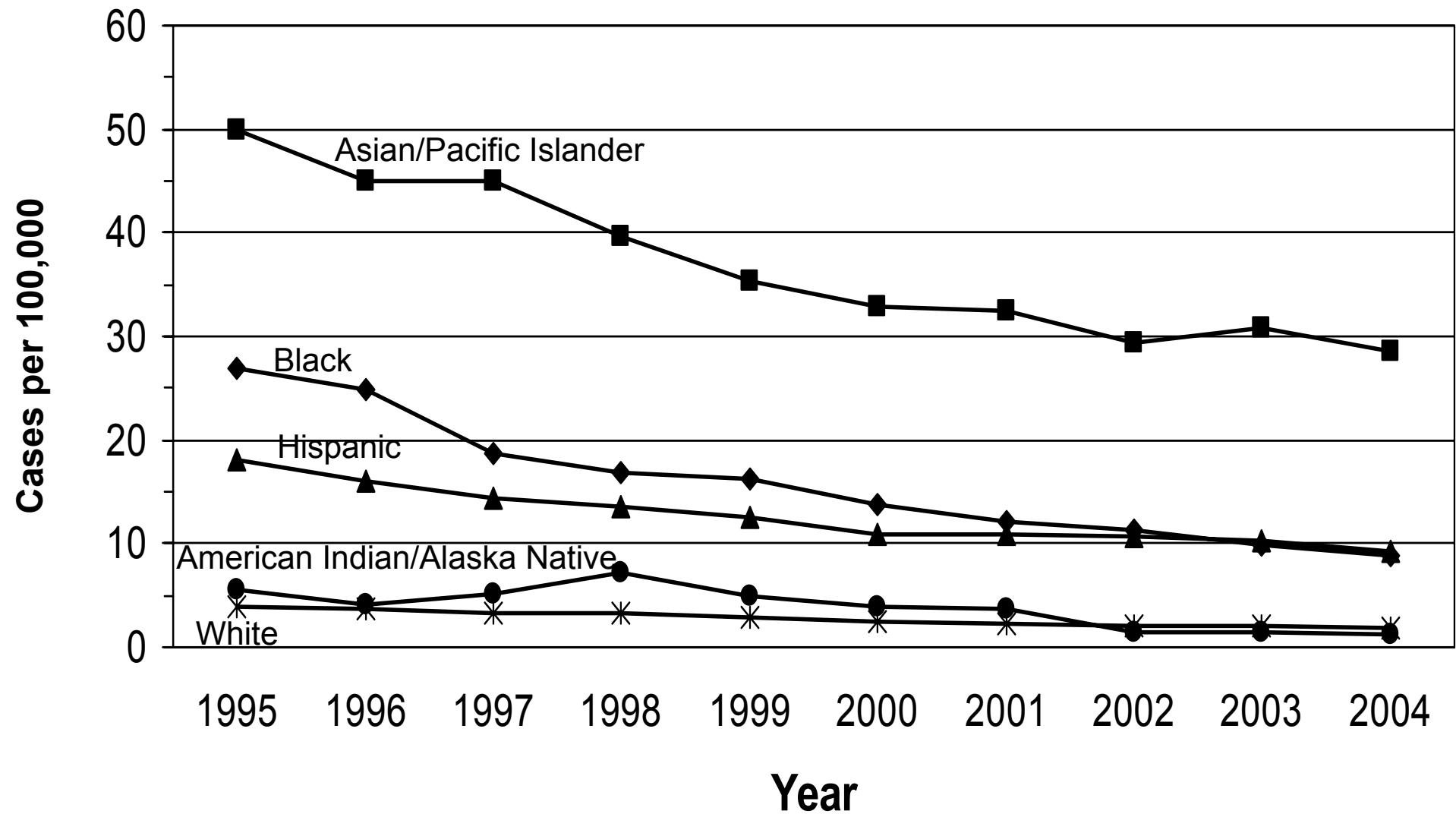


Figure 5. Tuberculosis Cases in Foreign-born and U.S.-born Persons: California, 1995-2004

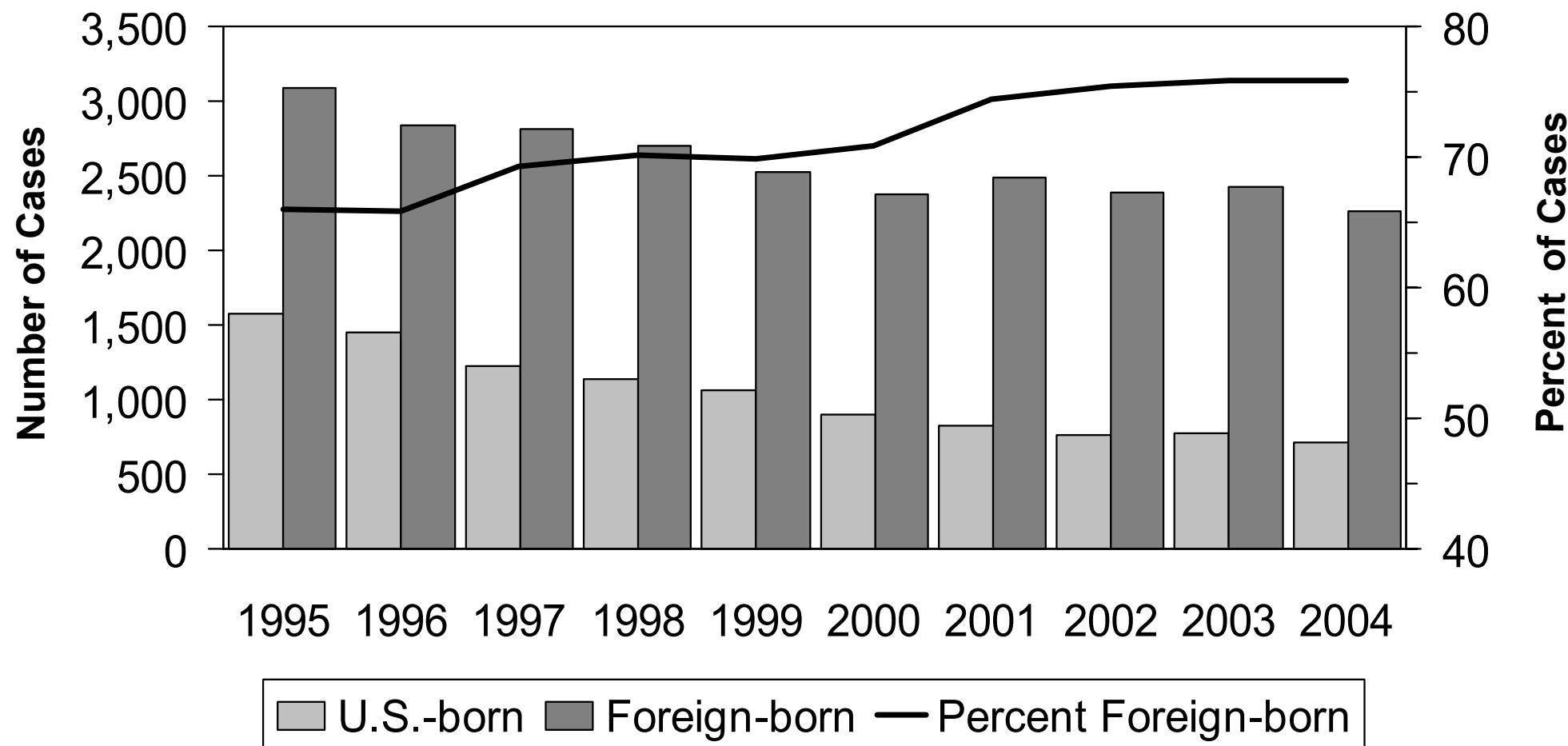


Figure 6. Tuberculosis Cases by Country of Origin: California, 2004

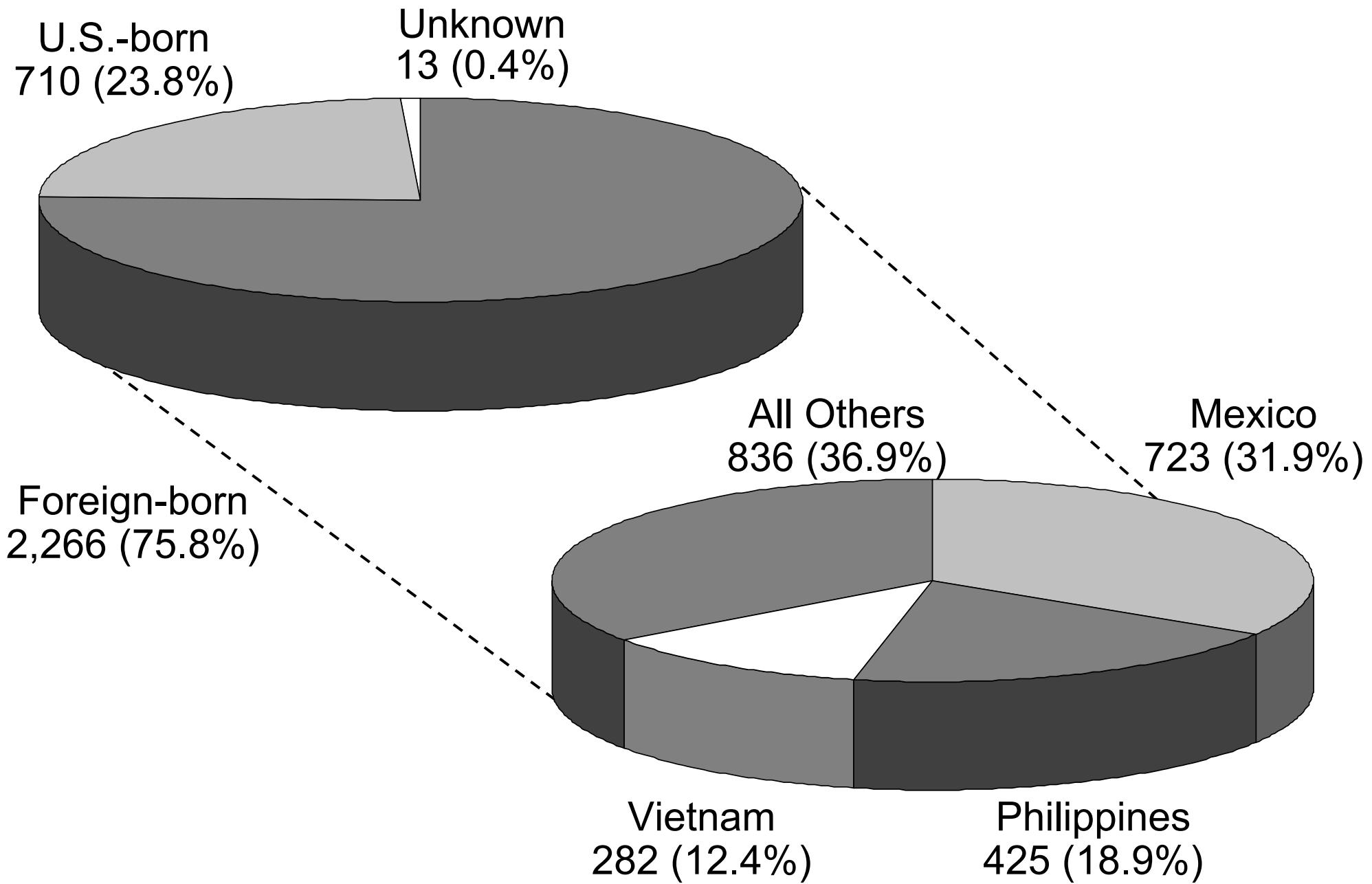


Figure 7. Tuberculosis Cases in Persons 0-4 Years of Age: California, 1995-2004

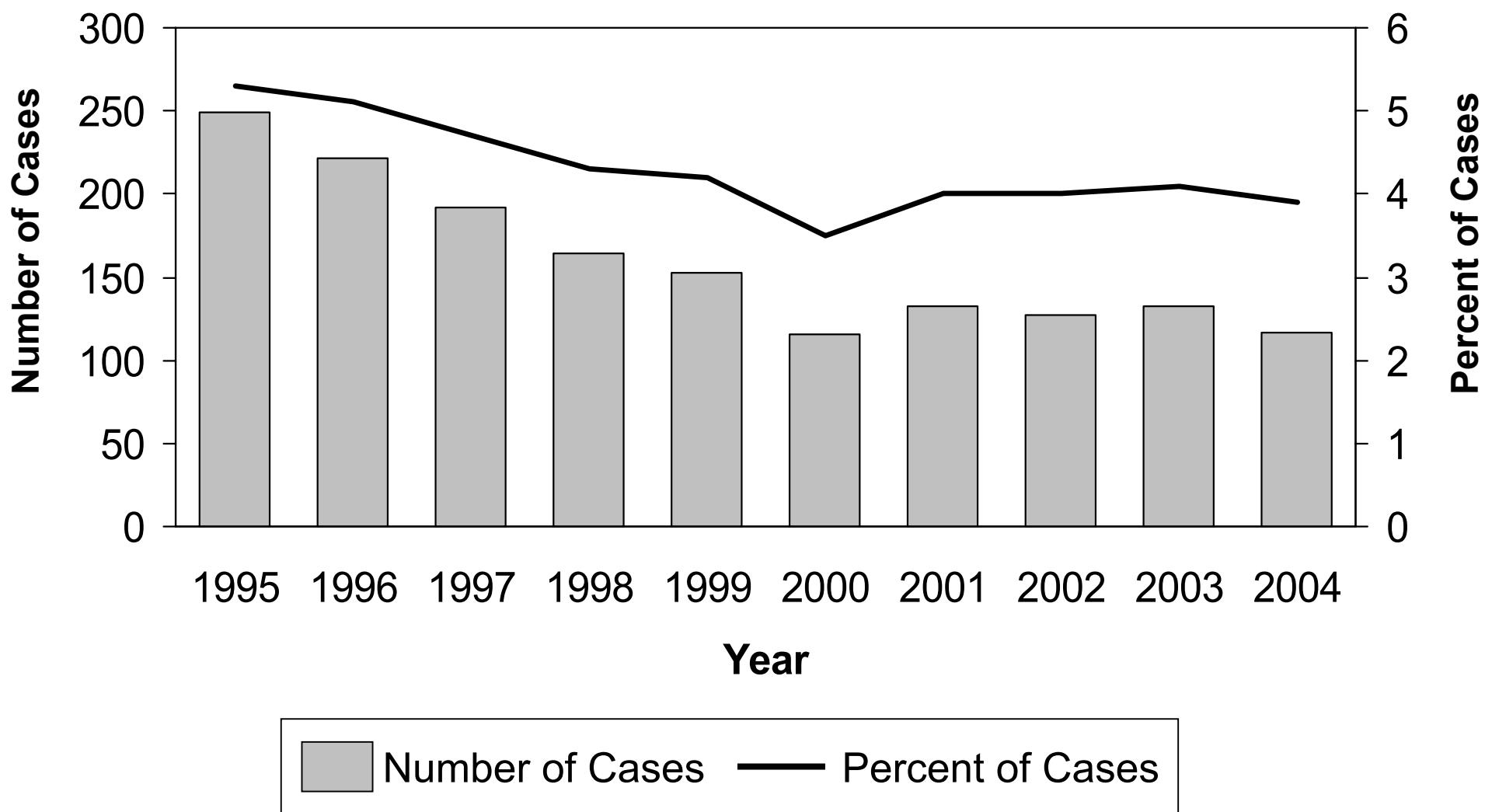


Figure 8. Tuberculosis Cases by Verification Criteria: California, 2004

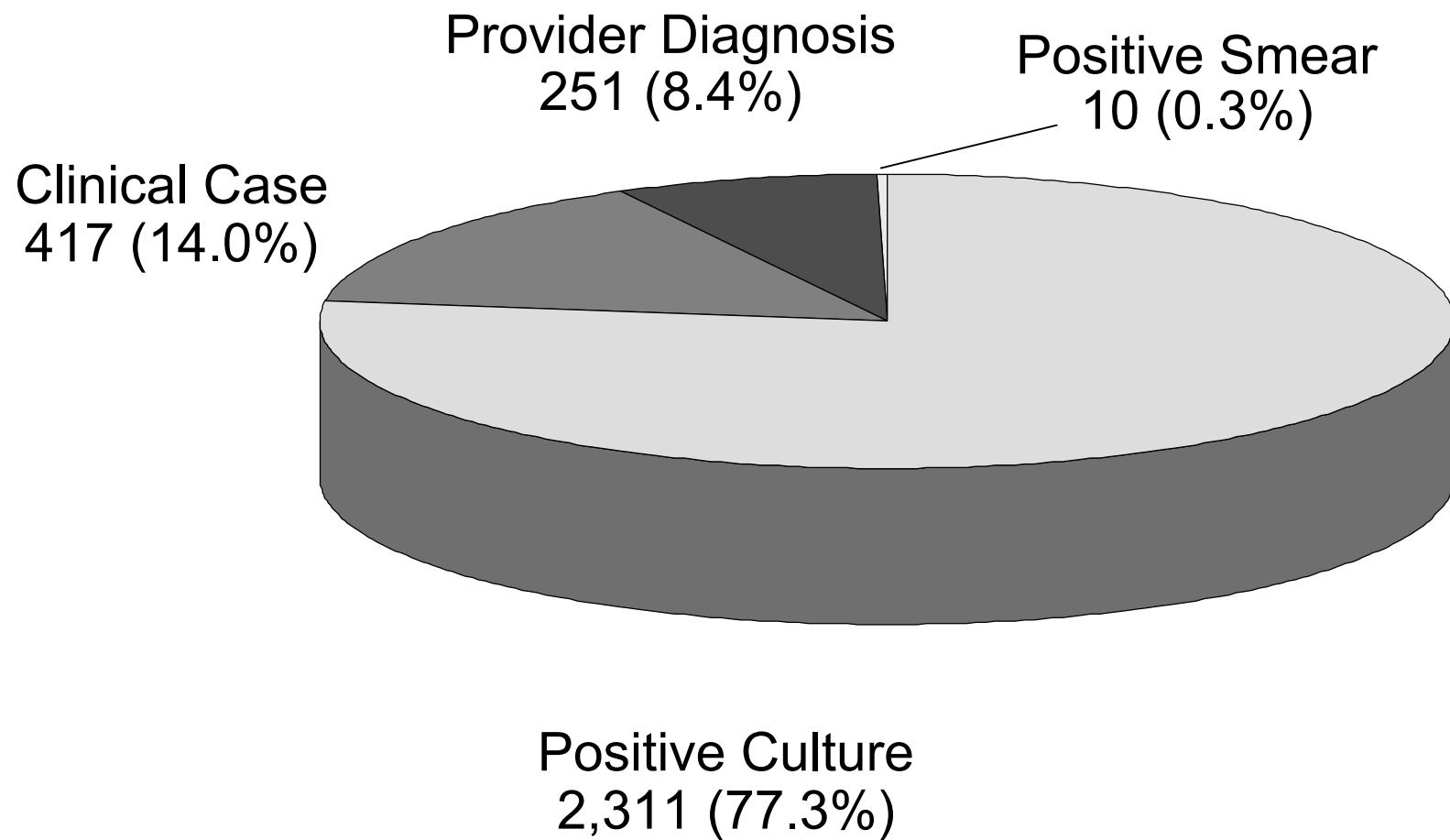


Figure 9. Deaths in Persons with Tuberculosis: California, 1995-2002

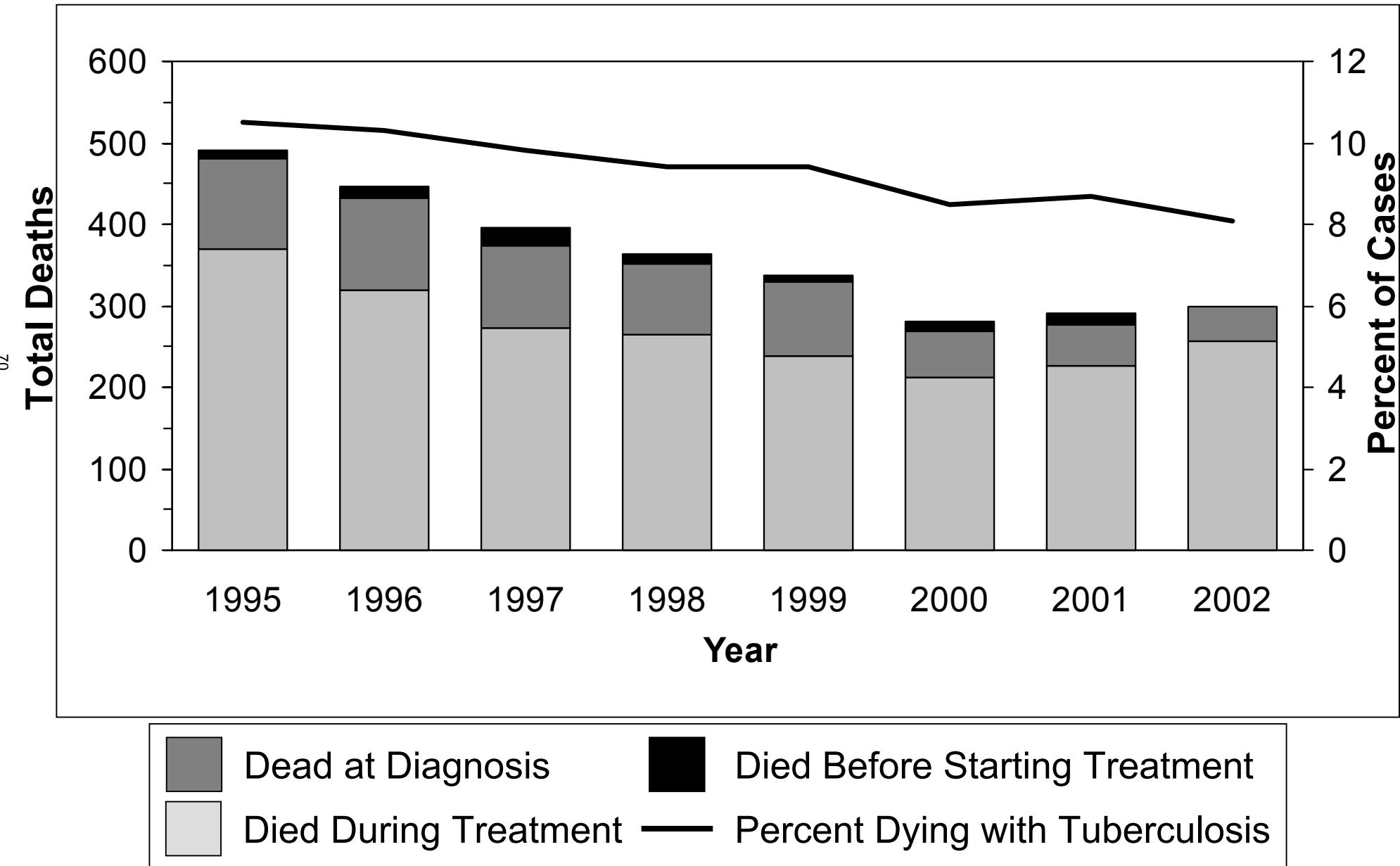
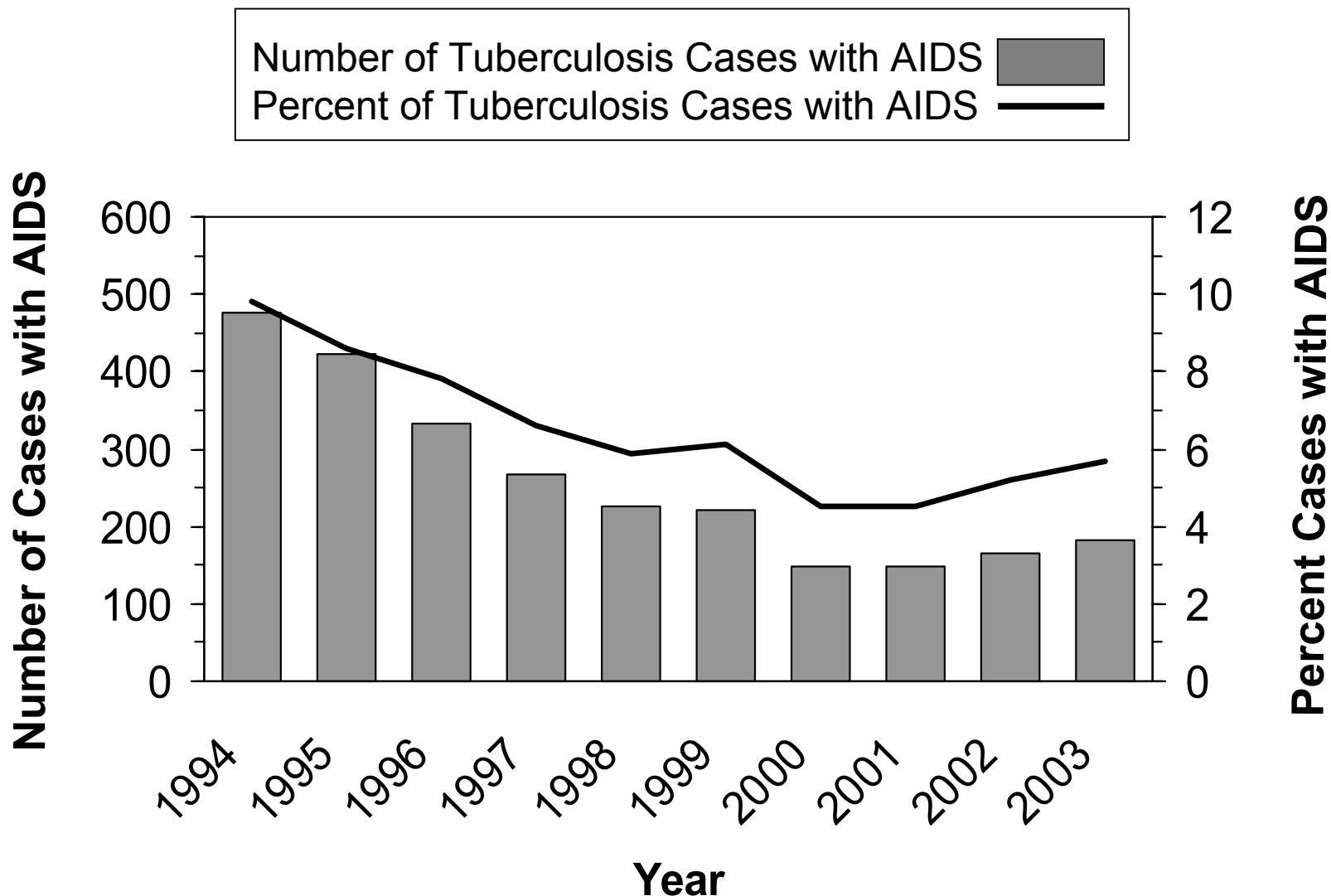
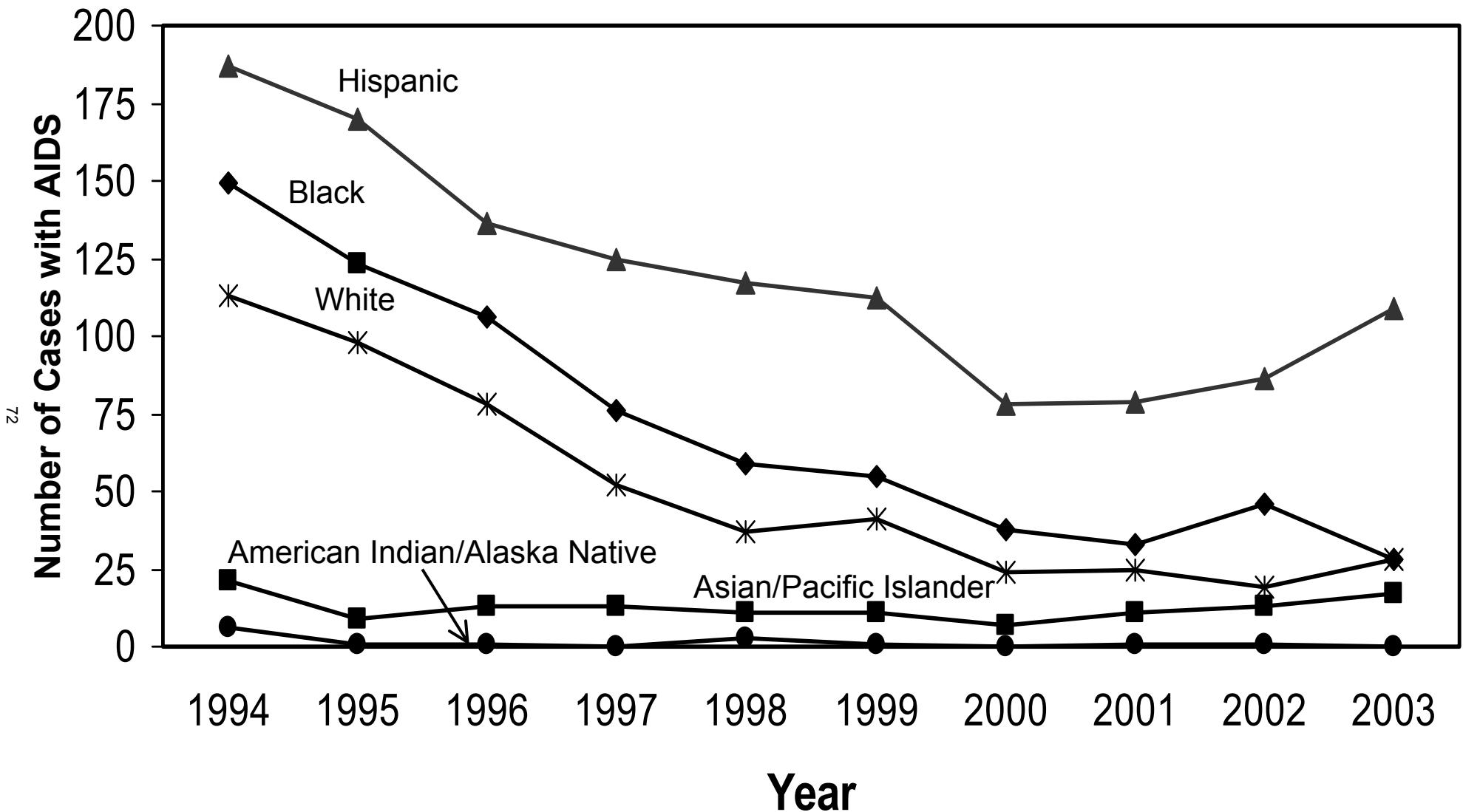


Figure 10. Tuberculosis Cases by AIDS Diagnosis*: California, 1994-2003



* Match found in AIDS Case Registry, California Office of AIDS.

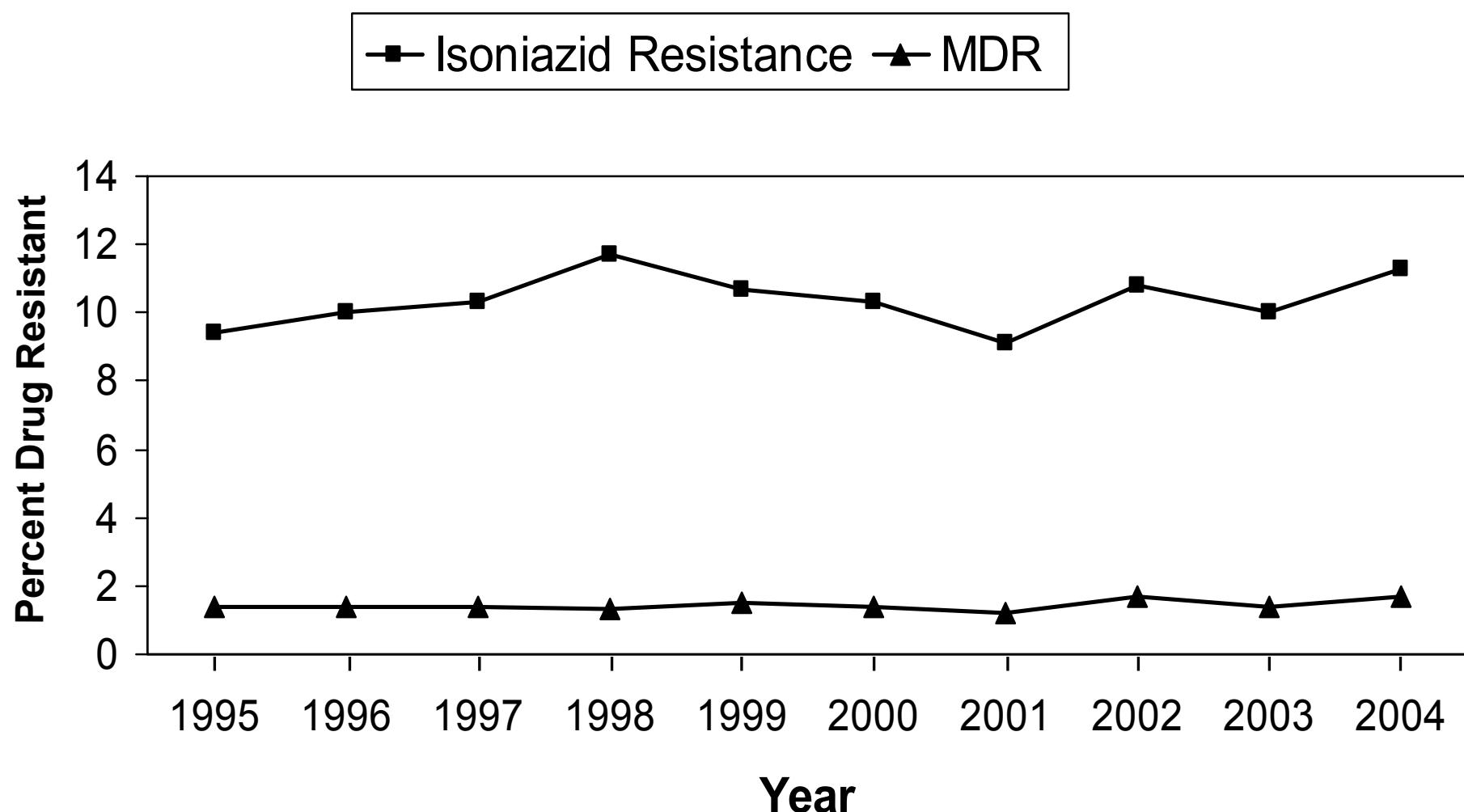
Figure 11. AIDS-associated Tuberculosis* by Race/Ethnicity: California, 1994-2003



* Match found in AIDS Case Registry, California Office of AIDS.

Tuberculosis Control Branch, California Department of Health Services

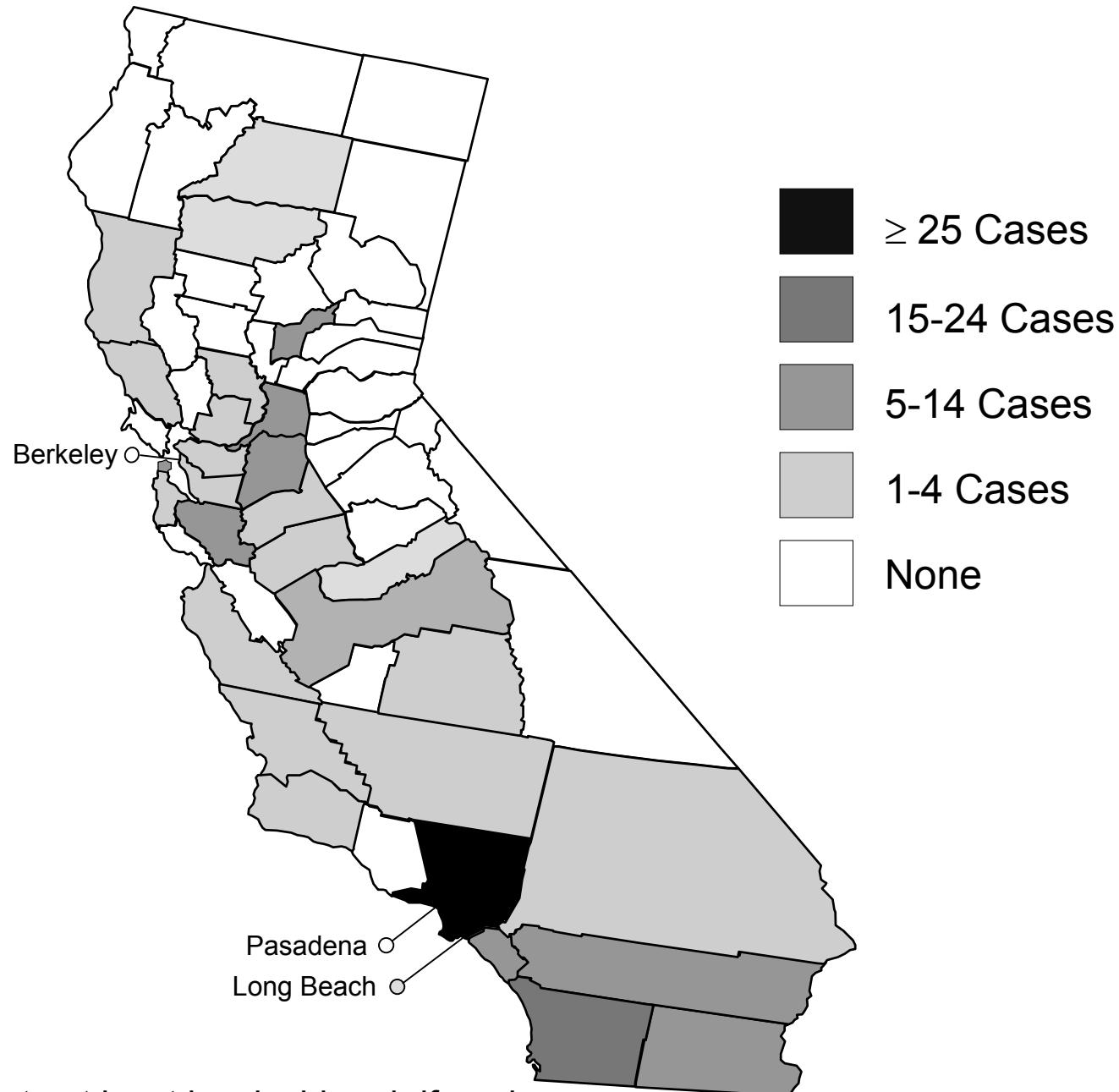
Figure 12. Tuberculosis Cases with Multidrug-resistance (MDR*) or Resistance to Isoniazid: California, 1995-2004



*Cases with resistance to at least isoniazid and rifampin.

Tuberculosis Control Branch, California Department of Health Services

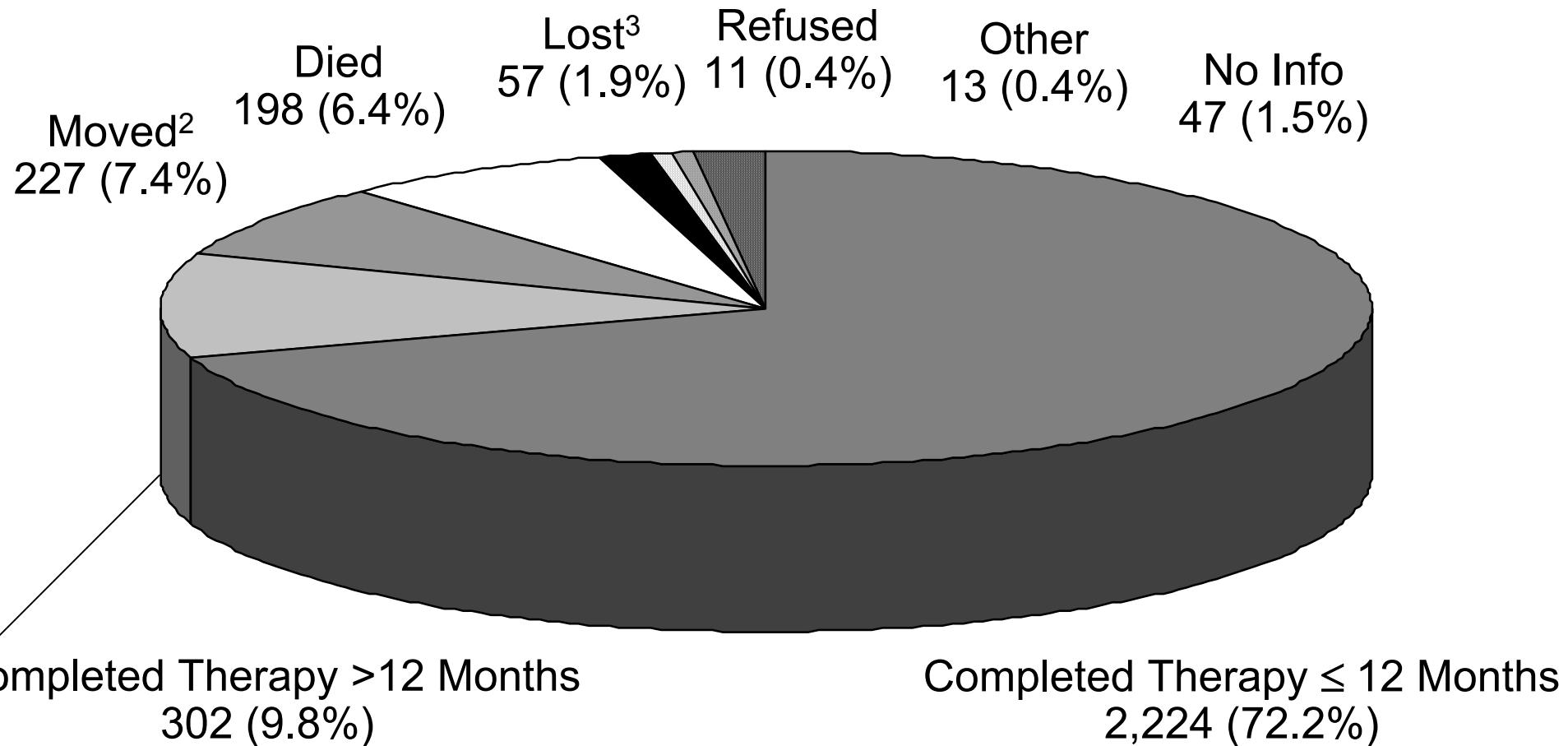
Figure 13. Multidrug-resistant* Tuberculosis Cases by Jurisdiction: 2000-2004



*Cases with resistance to at least isoniazid and rifampin.

Tuberculosis Control Branch, California Department of Health Services

Figure 14. Tuberculosis Cases¹ by Reason Therapy Stopped: California, 2002

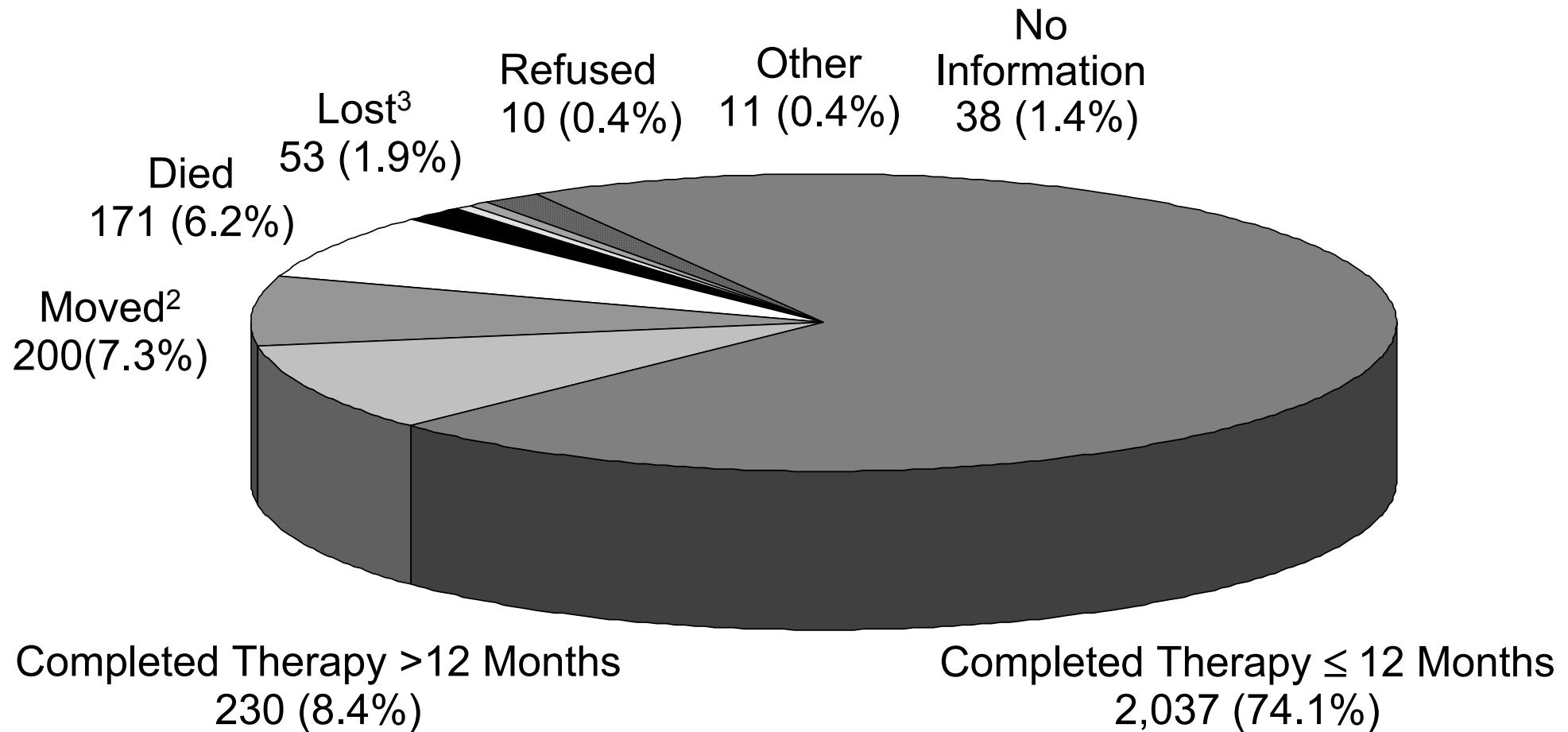


¹ Patient alive at diagnosis and started on an initial drug regimen of one or more drugs.

² Patient moved to another jurisdiction with a known forwarding address before treatment was completed.

³ Patient could not be located prior to the completion of treatment.

Figure 15. Drug-susceptible Tuberculosis Cases¹ by Reason Therapy Stopped: California, 2002

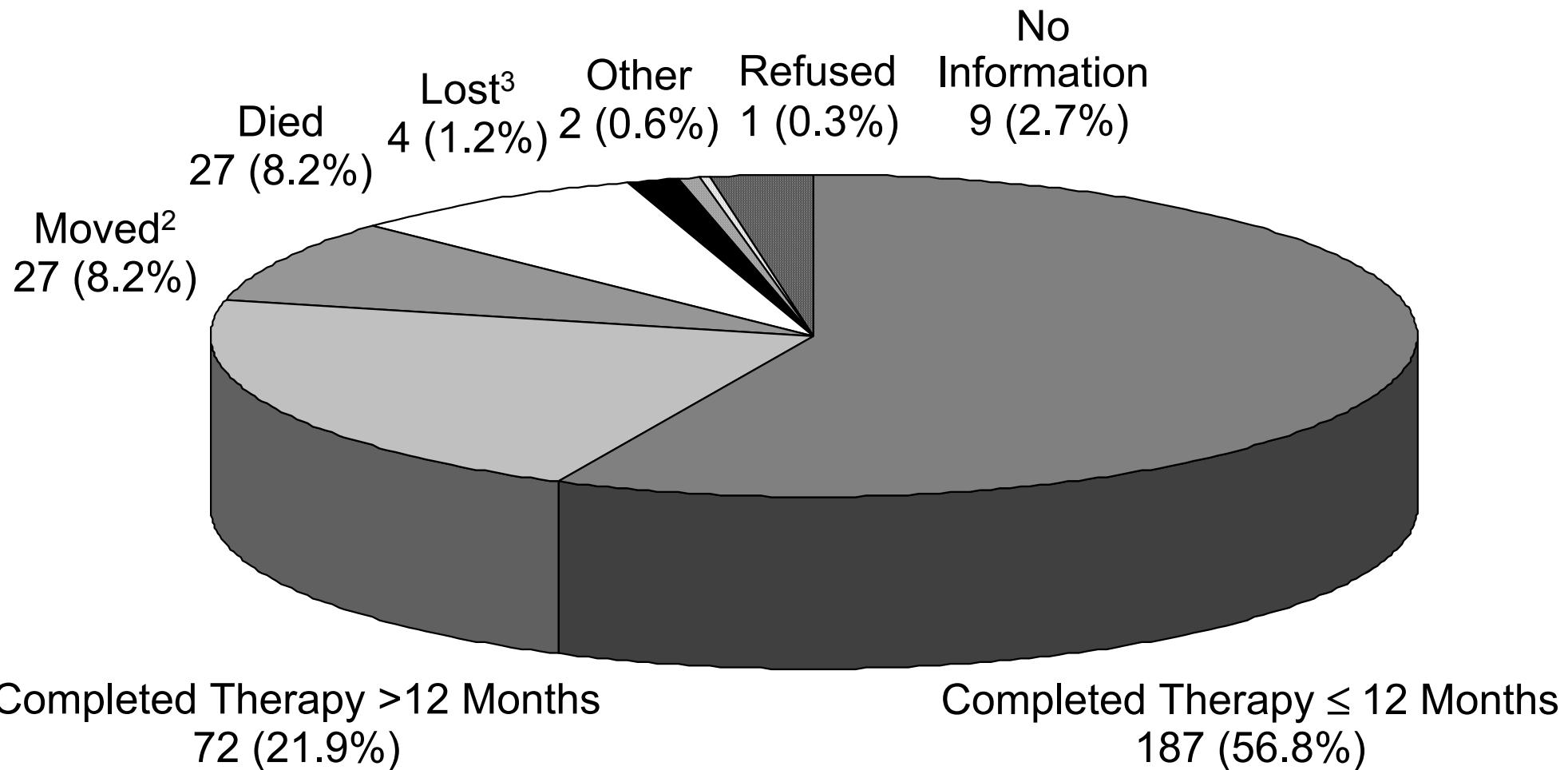


¹ Patient alive at diagnosis and started on an initial drug regimen of one or more drugs, including cases with disease that is susceptible to isoniazid, rifampin, and pyrazinamide, cases without culture confirmation and cases without drug susceptibility results.

² Patient moved to another jurisdiction with a known forwarding address before treatment was completed.

³ Patient could not be located prior to the completion of treatment.

Figure 16. Drug-resistant Tuberculosis Cases¹ by Reason Therapy Stopped: California, 2002

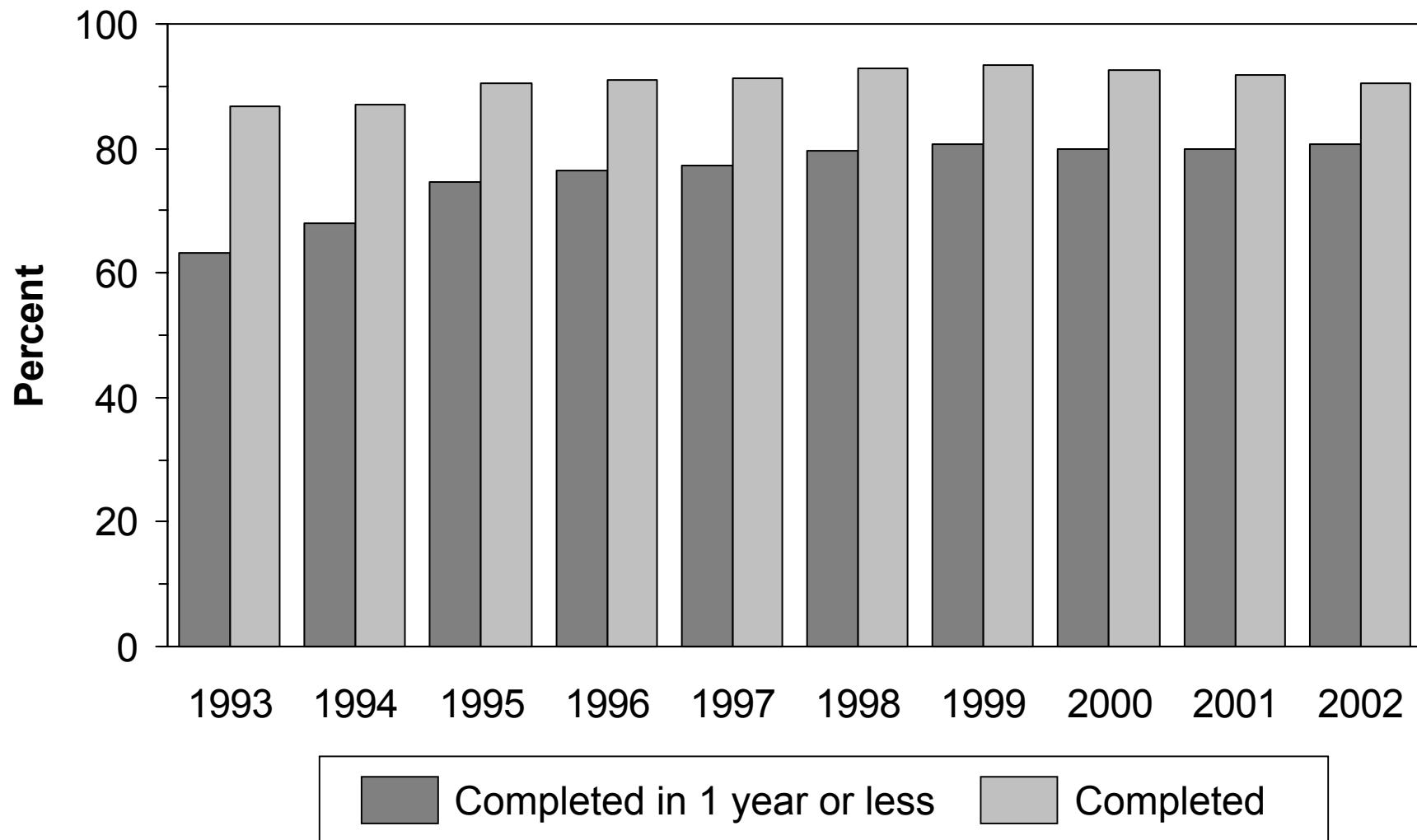


¹ Patient alive at diagnosis and started on an initial drug regimen of one or more drugs; all patients have disease that is resistant to isoniazid, rifampin, and/or pyrazinamide.

² Patient moved to another jurisdiction with a known forwarding address before treatment was completed.

³ Patient could not be located prior to the completion of treatment.

Figure 17. Completion of Tuberculosis Therapy: California, 1993-2002



Note: Persons with initial isolate resistant to rifampin, children under 15 years old with meningeal, bone or joint, or miliary disease, and all persons who died during treatment were excluded.